



Curriculum Overview

General Courses and Electives

(CTE courses are detailed in a separate catalog)

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These courses are detailed in a separate catalog.

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Middle School

Career Explorations I
Career Explorations II
Career Explorations III
Keyboarding and Applications
Principles of Coding

Architecture and Construction

Introduction to Careers in Architecture and Construction
Construction Careers

Arts, A/V Technology and Communications

Introduction to Careers in Arts, A/V Technology and Communications
A/V Technology and Film Careers

Business Management and Administration

Business Law
Career Management
Office 2013 Applications I
Office 2013 Applications II
Office Applications I
Office Applications II
Small Business Entrepreneurship
Technology and Business

Education and Training

Introduction to Careers in Education and Training
Teaching and Training Careers

Finance

Introduction to Careers in Finance
Banking Services Careers

Government and Public Administration

Introduction to Career in Government and Public Administration
National Security Careers

Health Science

Careers in Allied Health
Nursing: Unlimited Possibilities and Unlimited Potential

Human Services

Introduction to Consumer Services

Information Technology

Introduction to Information Technology
Fundamentals of Computer Systems
Fundamentals of Digital Media
Fundamentals of Programming and Software Development
Introduction to Information Technology Support and Services
Introduction to Network Systems
Network System Design
New Applications: Web Development in the 21st Century
Software Development Tools

Manufacturing

Introduction to Careers in Manufacturing
Careers in Manufacturing Processes

Marketing

Introduction to Careers in Marketing
Careers in Marketing Research

STEM (Science, Technology, Engineering and Mathematics)

Engineering and Design
Engineering and Innovation
Engineering and Product Development

Transportation, Distribution and Logistics

Introduction to Careers in Transportation, Distribution, and Logistics
Careers in Logistics Planning and Management Services

Bible

Bible 300

Bible 300 begins a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on Christian living, the lives of Jesus and Joseph, Bible study methods, Bible archaeology, friendship, and Christian service. These areas target five content strands: biblical literature, biblical background, Christian growth, Christian evidences, and friendship (a special topic).

Objectives

- Identify how a Christian lives for God.
- Provide an overview of the life of Jesus.
- Provide an overview of the life of Joseph.
- Explain how a Christian can use the Bible.
- Discuss how God takes care of His children.
- Defend the Bible as the Word of God.
- Understand the nature and role of archaeology as they relate to the Bible.
- Explain the need and role of biblical friendships.
- Discuss how Christians help other people.

Unit 1: You Can Use the Bible		
Assignments		
Bible 300	1. Course Overview	10. How to Memorize Verses
	2. Why Study the Books of the Bible?	11. Quiz 3
	3. Old Testament	12. Time for the BIBLE
	4. New Testament	13. Quiz 4
	5. Quiz 1	14. Special Project*
	6. Be a Detective	15. Test
	7. Study the Bible	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Verses of the Bible	

Unit 2: The Life of Jesus Christ		
Assignments		
Bible 300	1. A True Story	11. Quiz 3
	2. The Angel Visits Mary and Joseph	12. Jesus is the Son of God
	3. Jesus is Born	13. Jesus Died on the Cross
	4. Quiz 1	14. Jesus Lives Again
	5. Jesus as a Boy	15. Quiz 4
	6. Teachers at the Temple	16. Special Project*
	7. Quiz 2	17. Test
	8. Jesus as a Man	18. Alternate Test*
	9. Jesus Shows Us How to Live	19. Reference
	10. Jesus Saves People	

Unit 3: Joseph! What Was God's Plan?	
Assignments	
Bible 300	1. Meet Joseph
	2. A Deep, Dark Pit
	3. Traders
	4. Quiz 1
	5. Life in Egypt
	6. Prison
	7. Still More Dreams
	8. Quiz 2
9. A Famine	
10. Joseph's Brothers	
11. A Plan	
12. Quiz 3	
13. Special Project*	
14. Test	
15. Alternate Test*	
16. Reference	

Unit 4: Living for God	
Assignments	
Bible 300	1. Abraham Loved God
	2. Abraham Obeyed God
	3. Ellen Learns About Loving and Obeying
	4. Quiz 1
	5. Paul and Silas in Jail
	6. Paul and Silas Praised God
	7. David Praised God
	8. Quiz 2
	9. Israelites Worshipped the Golden Calf
	10. Israelites Learn True Worship
11. Jamie Learns About Worship	
12. Quiz 3	
13. Daniel Served God	
14. Loving and Serving God	
15. Bill Makes a Choice	
16. Quiz 4	
17. Special Project*	
18. Test	
19. Alternate Test*	
20. Reference	

Unit 5: God Takes Care of His People	
Assignments	
Bible 300	1. God Cares for You
	2. God Showed that He Cares
	3. Quiz 1
	4. God Guides and Protects You
	5. God Protected Three Believers
	6. Quiz 2
	7. God Blesses You
8. God Blessed a Good Man	
9. Quiz 3	
10. Special Project*	
11. Test	
12. Alternate Test*	
13. Reference	

Unit 6: The Bible Is the Word of God	
Assignments	
Bible 300	1. The Writers
	2. Putting it all Together
	3. Quiz 1
	4. God's Word is Preserved: Josiah
	5. Treasure in the Trash Can
	6. Quiz 2
	7. God's Word Changes Lives: Nehemiah
	8. Project: Rebuilding the Walls
	9. Quiz 3
10. God's Word Has Promises: Jesus	
11. More Promises	
12. Ronnie Finds a Shepherd	
13. Quiz 4	
14. Special Project*	
15. Test	
16. Alternate Test*	
17. Reference	

Unit 7: Archaeology and the Bible	
Assignments	
Bible 300	1. Preparing the Hunt
	2. Project: Be an Archaeologist
	3. The Clue of Old Stories
	4. Project: Language*
	5. Quiz 1
	6. Supporting God's Word
	7. Explaining Puzzles
	8. Quiz 2
	9. Genesis Discoveries
	10. Solomon's Riches and New Testament Places
	11. Project: Bible Archaeology
	12. Quiz 3
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 8: God Gave Us the Need for Friends	
Assignments	
Bible 300	1. We Need Love
	2. God Gave Commandments About Love
	3. Quiz 1
	4. We Need Friendship
	5. Project: Story*
	6. Project: Story Ending*
	7. Project: Friendship
	8. True Friendship
	9. Quiz 2
	10. Others Need Our Friendship
	11. God Commands Us to Love Others
	12. Project: Loving Acts
	13. Quiz 3
	14. Special Project*
	15. Test
	16. Alternate Test*
	17. Reference

Unit 9: God Wants Man to Help Man	
Assignments	
Bible 300	1. Who am I to Care For?
	2. How Should I Treat Others?
	3. Quiz 1
	4. Why Should I Serve Others?
	5. God Loves Others Through Me
	6. Quiz 2
	7. Who will Care for Me?
	8. God will Care for Me
	9. Quiz 3
	10. Special Project*
	11. Test
	12. Alternate Test*
	13. Reference

Unit 10: Review	
Assignments	
Bible 300	1. The Word of God
	2. The Written Word
	3. Writers of the Word
	4. Quiz 1
	5. Son of God Makes the Word Known
	6. Life of Jesus
	7. Project: Story of Jesus
	8. Death and Resurrection
	9. Quiz 2
	10. The Children of God
	11. Project: Write a Psalm
	12. Members of God's Family
	13. Quiz 3
	14. Special Project*
	15. Test
	16. Alternate Test*
	17. Reference

Bible 400

Bible 400 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on the lives of Peter and Paul (also known as Saul), the existence and knowledge of God, Bible study methods, Psalm 23, Old Testament geography, and Christian witnessing. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Objectives

- Understand the nature and benefits of the knowledge of God.
- Describe the lives and ministries of the apostles Peter and Paul.
- Learn and memorize the Bible more effectively.
- Explain the design and message of Psalm 23.
- Provide evidences for the existence of God.
- Demonstrate an understanding of Old Testament geography.
- Witness for Christ with more knowledge and effectiveness.

Unit 1: How Can I Live for God?		
Assignments		
Bible 400	1. Course Overview	10. Project: Morse Code*
	2. How Peter Lived for God: Peter Found Jesus	11. Grow and Be Fruitful
	3. Peter Followed Jesus	12. Project: Prayers for Others*
	4. Project: Dear Hali	13. Quiz 2
	5. Project: Book Report*	14. Special Project*
	6. Peter Fished for Men and Fed Sheep	15. Test
	7. Project: Jerusalem Journal	16. Alternate Test*
	8. Quiz 1	17. Reference
	9. How I Can Live for God: God's Family	

Unit 2: God's Knowledge		
Assignments		
Bible 400	1. Evidence of God's Knowledge: Creation	12. Project: Story*
	2. Evidence of God's Knowledge: Love	13. Quiz 3
	3. Quiz 1	14. Use of God's Knowledge: Desire the Best Knowledge
	4. Instruction of God's Knowledge: Bible	15. The Use of God's Knowledge: Seek God When You Are Young
	5. Instruction of God's Knowledge: Jesus and the Holy Spirit	16. Quiz 4
	6. Instruction of God's Knowledge: Prayer	17. Special Project*
	7. Project: Prayer	18. Test
	8. Instruction: Christian Living	19. Alternate Test*
	9. Quiz 2	20. Reference
	10. The Benefits of God's Knowledge: Salvation	
	11. The Benefits of God's Knowledge: Daily Living	

Unit 3: Saul Begins to Live for God	
Assignments	
Bible 400	1. Saul's Background
	2. Persecution: In Jerusalem
	3. Persecution: Saul Travels to Damascus
	4. Quiz 1
	5. God Changes Saul's Life
	6. Project: Saul
	7. Quiz 2
8. God Uses Saul: To Preach	
9. Paul Learns	
10. Quiz 3	
11. Special Project*	
12. Test	
13. Alternate Test*	
14. Reference	

Unit 4: The Bible and Me	
Assignments	
Bible 400	1. Studying the Bible: Reading
	2. Project: Bible Reading*
	3. Studying the Bible: Learning
	4. Project: Commands
	5. Studying the Bible: Thinking
	6. Quiz 1
	7. Memorizing the Bible
	8. Quiz 2
	9. Living the Bible Way: Obeying Parents
10. Living the Bible Way: Being Friends	
11. Project: Proverbs*	
12. Living the Bible Way: Gaining Wisdom	
13. Living the Bible Way: Telling the Truth	
14. Quiz 3	
15. Special Project*	
16. Test	
17. Alternate Test*	
18. Reference	

Unit 5: God Cares for Us	
Assignments	
Bible 400	1. David the Shepherd
	2. God Cares for David
	3. Quiz 1
	4. Psalm 23: Jesus Chooses and Leads His Sheep
	5. Psalm 23: Jesus Feeds His Sheep
	6. Psalm 23: Jesus Guides His Sheep
	7. Psalm 23: Jesus Protects His Sheep
	8. Psalm 23: Jesus Loves/Welcomes His Sheep
	9. Project: My Psalm
10. Quiz 2	
11. Daniel the Helper	
12. God Cares for Daniel	
13. Quiz 3	
14. Memory Verse Quiz	
15. Special Project*	
16. Test	
17. Alternate Test*	
18. Reference	

Unit 6: How Can I Know God Exists?	
Assignments	
Bible 400	1. God's Plan for People
	2. The Jewish Savior
	3. Project: Note to Jesus
	4. Quiz 1
	5. Man's Search for God: Thomas Aquinas
	6. Science and The Bible: The Earth
	7. Science and The Bible: Your Body
	8. Quiz 2
9. Man and Religion	
10. God and Man	
11. Project: Books of The Bible	
12. Quiz 3	
13. Special Project*	
14. Test	
15. Alternate Test*	
16. Reference	

Unit 7: Geography of the Old Testament	
Assignments	
Bible 400	1. Bible Lands
	2. Fertile Crescent
	3. Surface of the Land
	4. Project: Animals in the Bible*
	5. Project: Plants in the Bible*
	6. Quiz 1
	7. Old Testament Men and Bible Lands
	8. Famine
	9. Products of the Land
10. Abraham's Descendants: Isaac and Jacob	
11. Abraham's Descendants: Joseph	
12. The Land of Goshen	
13. Wilderness and the Promised Land	
14. Quiz 2	
15. Special Project*	
16. Test	
17. Alternate Test*	
18. Reference	

Unit 8: God-Given Worth	
Assignments	
Bible 400	1. Who Am I?
	2. Project: Fable
	3. Am I Worthy?
	4. Quiz 1
	5. God Is My Creator and My Father
	6. Wonderfully Taken Care of
	7. Wonderfully Adopted
	8. Savior, Jesus
	9. Quiz 2
10. How Does God Want Me to See Myself?	
11. Knowing that God Helps Me	
12. Quiz 3	
13. Special Project*	
14. Test	
15. Alternate Test*	
16. Reference	

UNIT 9: WITNESSING FOR JESUS	
Assignments	
Bible 400	1. A Living Witness
	2. Living a New Life
	3. Loving Others
	4. Project: The Samaritan Shows Love
	5. Project: How I Can Show Love*
	6. Following Jesus
	7. Showing Kindness to All
	8. Quiz 1
	9. A Telling Witness
	10. Reaching People
11. Project: Susie Reaches Out*	
12. Knowing Who Jesus Is	
13. Following Paul's Example	
14. Using Personal Testimony	
15. Project: Witnessing Practice	
16. Quiz 2	
17. Special Project*	
18. Test	
19. Alternate Test*	
20. Reference	

Unit 10: God's Way Is Perfect	
Assignments	
Bible 400	1. Learning God's Way
	2. Studying the Bible
	3. Memorizing the Bible
	4. Examining Science
	5. Understanding Geography
	6. Quiz 1
	7. Living God's Way
	8. Walking in the Spirit
	9. Trusting in God
10. Quiz 2	
11. Loving God's Way	
12. Reaching Others	
13. Quiz 3	
14. Memory Verse Quiz	
15. Special Project*	
16. Test	
17. Alternate Test*	
18. Reference	

Bible 500

Bible 500 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on biographies of faithful people, angels, the presence of God, Bible study methods, the Christian's relationships, and Paul's missionary journeys. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Objectives

- Follow the examples of godly Christians.
- Understand the nature and ministry of angels.
- Appreciate the presence of God everywhere and in their lives.
- Distinguish between the different types of literature in the Bible.
- Discuss biblical proofs for what Christians believe.
- Identify key people, places, and events in Paul's missionary journeys.
- Understand the different ways that God is a judge.
- Explain the role of law and authority in God's world.

Unit 1: How Others Lived For God	
Assignments	
Bible 500	1. Course Overview
	2. Believers in God
	3. Abraham, Man of Faith
	4. Overview: Abraham
	5. Quiz 1
	6. Paul, More than a Conqueror
	7. Overview: Paul*
	8. David, A Man After God's Heart
	9. Overview: David
	10. John, Apostle of Love
	11. Overview: John*
12. Quiz 2	
13. Noah and Ruth	
14. Overview: Noah and Ruth*	
15. Hannah, Jonah, and Peter	
16. Overview: Hannah, Jonah, Peter*	
17. Great Cloud of Witnesses	
18. Quiz 3	
19. Special Project*	
20. Test	
21. Alternate Test*	
22. Reference	

Unit 2: Angels	
Assignments	
Bible 500	1. Angels are Real
	2. Kinds of Angels
	3. Quiz 1
	4. Speaking to God's Children
	5. Protecting God's Children
	6. Guiding and Caring for God's Children
	7. Quiz 2
	8. Angels at Jesus' Birth and Early Life
	9. Angels During Jesus' Ministry
	10. Angels at the End of Jesus' Earthly Ministry
	11. Quiz 3
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

Unit 3: The Presence of God		
Assignments		
Bible 500	1. God Is Present Everywhere	10. Quiz 2
	2. God Is Present Everywhere as a Person	11. In My Life: Communicates and Saves
	3. Activity: Problem Solving*	12. In My Life: Helps and Provides
	4. Quiz 1	13. Project: The Main Idea
	5. In the Lives of Adam, Eve, Israel, Joshua, Gideon	14. Quiz 3
	6. In the Lives of Hebrews in Babylon, Disciples, Believers	15. Special Project*
	7. In the Lives of David Brainerd and David Livingstone	16. Test
	8. In the Life of Gladys Aylward	17. Alternate Test*
	9. Activity: Write a Story*	18. Reference

Unit 4: Bible Methods and Structure		
Assignments		
Bible 500	1. The Bible: One Book	10. The Life of Jesus Christ
	2. The Bible: Many Parts	11. Followers of Jesus
	3. Report: History of the Bible	12. Epistles
	4. Quiz 1	13. Quiz 3
	5. The Old Testament: Books of History	14. Special Project*
	6. Books of Poetry	15. Test
	7. Books of Prophecy/ Intro to New Testament	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. The New Testament: Introduction	

Unit 5: The Christian in the World		
Assignments		
Bible 500	1. At Home: Hearing and Obeying	9. At Work: Relationships
	2. At Home: Correction	10. At Work: Good Attitudes
	3. Quiz 1	11. At Work: Bad Attitudes
	4. At School: Relationships	12. Quiz 3
	5. At School: Good Attitudes	13. Special Project*
	6. Activity: The Gossip Game*	14. Test
	7. At School: Good and Bad Attitudes	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 6: Proving What We Believe		
Assignments		
Bible 500	1. The Bible Is God's Word: Biblical Evidence	9. Evidence from Eyewitnesses
	2. Evidence from History	10. Evidence from Christian Experience
	3. Evidence from Human Experience	11. Project: What I Believe
	4. Quiz 1	12. Quiz 3
	5. The World Was Created: Physical Science	13. Special Project*
	6. Evidence from Life Science	14. Test
	7. Quiz 2	15. Alternate Test*
	8. Christ Arose: Prophecy Fulfilled	16. Reference

Unit 7: Paul's Missionary Journeys		
Assignments		
Bible 500	1. Paul's Preparation: Background	10. Report: Disagreements*
	2. Relation to Judaism	11. Quiz 2
	3. Conversion, Early Training, and Ministry	12. Paul's Third Missionary Journey
	4. Barnabas	13. Paul's Last Years and Message
	5. Quiz 1	14. Quiz 3
	6. Paul's First Missionary Journey	15. Special Project*
	7. Iconium/Lystra/Derbe/Jerusalem Council	16. Test
	8. Paul's Second Missionary Journey	17. Alternate Test*
	9. Philippi/Berea/Athens/Corinth	18. Reference

Unit 8: God Created Man for Eternity		
Assignments		
Bible 500	1. Preparing for Eternity	9. Rewards in Heaven
	2. Project: Eternity	10. Quiz 2
	3. Report: Sanhedrin*	11. The Great White Throne Judgment
	4. Growing in Christ	12. Quiz 3
	5. Blessings on Earth	13. Special Project*
	6. Quiz 1	14. Test
	7. Christ Is our Judge	15. Alternate Test*
	8. The Judgment of the Christian	16. Reference

Unit 9: Authority and Law		
Assignments		
Bible 500	1. God: The Source of All Authority	10. Activity: Life Without Government
	2. Jesus Is the Model of Obedience	11. Types of Government
	3. The Holy Spirit Is the Guide	12. Living with Governmental Law and Authority
	4. Quiz 1	13. Quiz 3
	5. Authority in the Family	14. Special Project*
	6. Report: Delegated Authority	15. Test
	7. Living Governed by Family Authority	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Government: Agency of Authority and Law	

Unit 10: Review		
Assignments		
Bible 500	1. The Presence of God	11. Quiz 3
	2. Angels	12. Order of God's Authority
	3. Activity: Angel Story*	13. Areas of Our World
	4. Quiz 1	14. Outcome of Our Lives
	5. Understanding God's Word: Bible Structure	15. Quiz 4
	6. Bible Truth	16. Special Project*
	7. Quiz 2	17. Test
	8. Living for God: Faithfulness	18. Alternate Test*
	9. Obedience	19. Reference
	10. Loving Service	

Bible 600

Bible 600 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on a brief survey of the Old and New Testaments, with special emphasis upon the key people, places, and events from the book of Genesis to the book of Revelation. These areas target three content strands: theology, biblical literature, and biblical background.

Objectives

- Present an overview of the biblical story from Genesis to Revelation.
- Identify key people, places, and events in the Old and New Testaments.
- Discuss the primary eras in the history of Israel and the Church.
- Appreciate the importance of Israel and the Kingdom in the Old Testament.
- Appreciate the importance of the Church in the New Testament.
- Demonstrate the influence of the Old Testament in the New Testament.
- Explain important themes and teachings throughout the Bible.

Unit 1: From Creation to Moses		
Assignments		
Bible 600	1. Course Overview	14. Alternate Quiz 2—Form B: Abraham to Joseph*
	2. Creation	15. Moses and the Law
	3. From the First Family to the Flood	16. Activity: Ten Commandments
	4. Quiz 1: Creation to the Flood	17. Remaining Books of the Law
	5. Alternate Quiz 1—Form A: Creation to the Flood*	18. Quiz 3: Moses
	6. Alternate Quiz 1—Form B: Creation to the Flood*	19. Alternate Quiz 3—Form A: Moses*
	7. Abraham and His Descendants	20. Alternate Quiz 3—Form B: Moses*
	8. Abram, Sarai, and Isaac	21. Review
	9. Descendants of Abraham	22. Special Project*
	10. Joseph	23. Test
	11. Activity: Joseph in Egypt	24. Alternate Test—Form A*
	12. Quiz 2: Abraham to Joseph	25. Alternate Test—Form B*
	13. Alternate Quiz 2—Form A: Abraham to Joseph*	26. Glossary and Credits

Unit 2: From Joshua to Ruth		
Assignments		
Bible 600	1. Conquest of the Land	12. Three Women
	2. Activity: Conquest of Jericho	13. The Story of Ruth
	3. Division of the Land/Death of Joshua	14. Quiz 3: God's Perfect Plan
	4. Quiz 1: The Promised Land	15. Alternate Quiz 3—Form A: God's Perfect Plan*
	5. Alternate Quiz 1—Form A: The Promised Land*	16. Alternate Quiz 3—Form B: God's Perfect Plan*
	6. Alternate Quiz 1—Form B: The Promised Land*	17. Review
	7. Judges: From Othneil to Shamgar	18. Special Project*
	8. Judges: From Deborah to Samson	19. Test
	9. Quiz 2: Judges	20. Alternate Test—Form A*
	10. Alternate Quiz 2—Form A: Judges*	21. Alternate Test—Form B*
	11. Alternate Quiz 2—Form B: Judges*	22. Glossary and Credits

Unit 3: The Kingdom of Israel		
Assignments		
Bible 600	1. The Books and Ministry of Samuel	13. Alternate Quiz 2—Form A: Solomon*
	2. The Reign of Saul	14. Alternate Quiz 2—Form B: Solomon*
	3. Project: Saul Becomes King	15. Job
	4. The Reign of David	16. Psalms and Proverbs
	5. Quiz 1: Samuel, Saul, and David	17. Ecclesiastes and the Song of Solomon
	6. Alternate Quiz 1—Form A: Samuel, Saul, and David*	18. Quiz 3: Wisdom Books
	7. Alternate Quiz 1—Form B: Samuel, Saul, and David*	19. Alternate Quiz 3—Form A: Wisdom Books*
	8. The Reign of Solomon	20. Alternate Quiz 3—Form B: Wisdom Books*
	9. The Temple	21. Review
	10. Report: Solomon's Rise*	22. Special Project*
	11. Project: Bible Paragraph	23. Test
	12. Quiz 2: Solomon	24. Alternate Test—Form A*
	25. Alternate Test—Form B*	
	26. Glossary and Credits	

Unit 4: The Divided Kingdom		
Assignments		
Bible 600	1. From Division to the Assyrian Captivity	15. From Manasseh to Josiah
	2. From Ahab to Jehu (Part 1)	16. The Prophets of the Remaining Kingdom
	3. Project: Elijah's Servant	17. Quiz 3: The Remaining Kingdom
	4. From Ahab to Jehu (Part 2)	18. Alternate Quiz 3—Form A: The Remaining Kingdom*
	5. From Jehu to the Assyrian Captivity	19. Alternate Quiz 3—Form B: The Remaining Kingdom*
	6. Quiz 1: Division and Captivity	20. Review
	7. Alternate Quiz 1—Form A: Division and Captivity*	21. Special Project*
	8. Alternate Quiz 1—Form B: Division and Captivity*	22. Test
	9. Before the Assyrian Captivity: Judah	23. Alternate Test—Form A*
	10. Before the Assyrian Captivity: Israel	24. Alternate Test—Form B*
	11. Quiz 2: Judah and Israel	25. Glossary and Credits
	12. Alternate Quiz 2—Form A: Judah and Israel*	
	13. Alternate Quiz 2—Form B: Judah and Israel*	
	14. The Remaining Kingdom	

Unit 5: Captivity and Restoration		
Assignments		
Bible 600	1. Jeremiah	14. The Prophets of the Restoration
	2. Ezekiel	15. The Old Testament Reviewed
	3. Daniel	16. The Kingdom of Israel
	4. Project: Writing on the Wall	17. Quiz 3: Restoration
	5. Quiz 1: Jeremiah to Daniel	18. Alternate Quiz 3—Form A: Restoration*
	6. Alternate Quiz 1—Form A: Jeremiah to Daniel*	19. Alternate Quiz 3—Form B: Restoration*
	7. Alternate Quiz 1—Form B: Jeremiah to Daniel*	20. Quiz: Books of the Old Testament
	8. The First Return from Exile	21. Review
	9. Jews Preservation/Second Return from Exile	22. Special Project*
	10. The Third Return from Exile	23. Test
	11. Quiz 2: Years of Exile	24. Alternate Test—Form A*
	12. Alternate Quiz 2—Form A: Years of Exile*	25. Alternate Test—Form B*
	13. Alternate Quiz 2—Form B: Years of Exile*	26. Glossary and Credits

Unit 6: The Life of Jesus		
Assignments		
Bible 600	1. History	18. The Rich Young Ruler and the Tax Collector
	2. Birth and Childhood	19. Project: Rich Young Ruler*

Bible 600	<ol style="list-style-type: none"> 3. Quiz 1: The Early Years 4. Alternate Quiz 1—Form A: The Early Years* 5. Alternate Quiz 1—Form B: The Early Years* 6. John the Baptist and Jesus' Baptism 7. Temptation and Ministry 8. Rejection and Healings 9. Teaching and Miracles 10. Project: Salvation* 11. Project: Baptism* 12. Quiz 2: Ministry Beginnings 13. Alternate Quiz 2—Form A: Ministry Beginnings* 14. Alternate Quiz 2—Form B: Ministry Beginnings* 15. Rejection and Feeding Five Thousand 16. The Transfiguration and the Good Samaritan 17. The Lost Sheep and the Prodigal Son 	<ol style="list-style-type: none"> 20. Essay: Zacchaeus 21. Quiz 3: Parables of Jesus 22. Alternate Quiz 3—Form A: Parables of Jesus* 23. Alternate Quiz 3—Form B: Parables of Jesus* 24. Triumphal Entry and Agony in the Garden 25. Arrest, Trial, Death, and Resurrection 26. Quiz 4: He Lives 27. Alternate Quiz 4—Form A: He Lives* 28. Alternate Quiz 4—Form B: He Lives* 29. Review 30. Special Project* 31. Test 32. Alternate Test—Form A* 33. Alternate Test—Form B* 34. Glossary and Credits
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Unit 7: The Followers of Jesus	
Bible 600	Assignments
<ol style="list-style-type: none"> 1. Twelve Disciples: Peter 2. Project: Walking on Water 3. Twelve Disciples: James and John 4. Twelve Disciples: The Other Nine 5. Quiz 1: The Disciples 6. Alternate Quiz 1—Form A: The Disciples* 7. Alternate Quiz 1—Form B: The Disciples* 8. Three Friends 9. Four Miracles 10. One Message 11. Quiz 2: The Message 12. Alternate Quiz 2—Form A: The Message* 13. Alternate Quiz 2—Form B: The Message* 	<ol style="list-style-type: none"> 14. Pentecost 15. The Lame Man 16. Stephen 17. Quiz 3: The Early Church 18. Alternate Quiz 2—Form A: The Early Church* 19. Alternate Quiz 2—Form B: The Early Church* 20. Review 21. Special Project* 22. Test 23. Alternate Test—Form A* 24. Alternate Test—Form B* 25. Glossary and Credits

Unit 8: The Apostle Paul	
Bible 600	Assignments
<ol style="list-style-type: none"> 1. Paul's Conversion 2. Zeal and Experience 3. Project: Road to Damascus* 4. Quiz 1: Paul 5. Alternate Quiz 1—Form A: Paul* 6. Alternate Quiz 1—Form B: Paul* 7. First Missionary Journey 8. Essay: Paul's Attitude* 9. Second Missionary Journey 10. Third Missionary Journey 11. Essay: Preparation* 12. Quiz 2: God's Missionary 13. Alternate Quiz 2—Form A: God's Missionary* 	<ol style="list-style-type: none"> 14. Alternate Quiz 2—Form B: God's Missionary* 15. Thessalonians and Corinthians 16. Galatians, Romans, and other Pauline Letters 17. Essay: Christianity at Home 18. Quiz 3: Letters 19. Alternate Quiz 3—Form A: Letters* 20. Alternate Quiz 3—Form B: Letters* 21. Review 22. Special Project* 23. Test 24. Alternate Test—Form A* 25. Alternate Test—Form B* 26. Glossary and Credits

Unit 9: Hebrews and General Epistles	
Bible 600	Assignments
<ol style="list-style-type: none"> 1. Hebrews 2. Faith 3. Quiz 1: Hebrews 4. Alternate Quiz 1—Form A: Hebrews* 5. Alternate Quiz 1—Form B: Hebrews* 6. General Epistles: James 7. First and Second Peter 	<ol style="list-style-type: none"> 12. First John 13. Second and Third John, and Jude 14. Essay: Diotrephes 15. Quiz 3: Letters of John 16. Alternate Quiz 3—Form A: Letters of John* 17. Alternate Quiz 3—Form B: Letters of John* 18. Review

8. Essay: Spiritual Growth	19. Special Project*
9. Quiz 2: Letters of James and Peter	20. Test
10. Alternate Quiz 2—Form A: Letters of James and Peter*	21. Alternate Test—Form A*
11. Alternate Quiz 2—Form B: Letters of James and Peter*	22. Alternate Test—Form B*
	23. Glossary and Credits

Unit 10: Revelation and Review	
Assignments	
Bible 600	1. Revelation
	2. The Seven Churches and End Time Events
	3. Project: Time with John
	4. Quiz 1: Revelation
	5. Alternate Quiz 1—Form A: Revelation*
	6. Alternate Quiz 1—Form B: Revelation*
	7. Creation to Moses
	8. Joshua, Samuel, and the Kingdom of Israel
	9. Divided Kingdom, Captivity, and Restoration
	10. Quiz 2: Creation to Restoration
	11. Alternate Quiz 2—Form A: Creation to Restoration*
	12. Alternate Quiz 2—Form B: Creation to Restoration*
	13. Life of Jesus
14. Followers of Jesus	
15. Essay: Nicodemus	
16. Apostle Paul	
17. Quiz 3: Jesus and Paul	
18. Alternate Quiz 3—Form A: Jesus and Paul*	
19. Alternate Quiz 3—Form B: Jesus and Paul*	
20. Books of the New Testament Quiz	
21. Review	
22. Special Project*	
23. Test	
24. Alternate Test—Form A*	
25. Alternate Test—Form B*	
26. Glossary and Credits	

Bible 700

Bible 700 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on worship, mankind, the attributes of God, prophecies about Christ, the living of balanced lives, and the book of Psalms. Special emphasis is given to the life of Christ from His pre-existence and birth to His resurrection and ascension. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and the life of Christ (a special topic).

Objectives

- Understand the design and practice of Christian worship.
- Describe the nature and purpose of humanity.
- Explain some of the moral attributes of God.
- Follow the biblical presentation of Jesus as the Messiah.
- Identify the characteristics of a balanced Christian life.
- Demonstrate an understanding of the history and design of the book of Psalms.
- Present the primary events in the life of Christ.

Unit 1: Worship		
Assignments		
Bible 700	1. Course Overview	9. Quiz 2
	2. The Meaning of Worship	10. Hypocritical Worship
	3. The Object of Worship	11. Sacrilegious vs True Worship
	4. The Reasons for Worship	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. Worship in Old Testament Times	14. Test
	7. Essay: Feasts Fulfilled in Christ	15. Alternate Test*
	8. Worship in New Testament Times	16. Reference

Unit 2: Mankind		
Assignments		
Bible 700	1. Creation of Mankind	8. Quiz 3
	2. The Original Nature of Mankind	9. The Mission of Mankind
	3. Quiz 1	10. Quiz 4
	4. The Fall of Mankind	11. Special Project*
	5. Quiz 2	12. Test
	6. The Method of Salvation	13. Alternate Test*
	7. The Result of Salvation	14. Reference

Unit 3: Attributes of God		
Assignments		
Bible 700	1. Love	7. Quiz 3
	2. Quiz 1	8. Special Project*
	3. Mercy: Divine Choice	9. Test
	4. Mercy: Divine Provision	10. Alternate Test*
	5. Quiz 2	11. Reference
	6. Grace	

Unit 4: Christian Evidences		
Assignments		
Bible 700	1. The Method of the First Advent	7. Quiz 2
	2. The Purpose of the First Advent	8. Special Project*
	3. Quiz 1	9. Test
	4. The Offices of the Messiah Foretold	10. Alternate Test*
	5. Offices of the Messiah Fulfilled	11. Reference
	6. Essay: Prophecy	

Unit 5: New Life in Christ		
Assignments		
Bible 700	1. Life Before and After Christ	8. The Life of Grace
	2. Christ Brings New Life	9. Project: The Fruit of the Spirit
	3. Quiz 1	10. Quiz 3
	4. Growing in Christ: God's Desire	11. Special Project*
	5. Obstacles to Growth	12. Test
	6. Quiz 2	13. Alternate Test*
	7. Life in the Spirit: Transformation	14. Reference

Unit 6: The Psalms		
Assignments		
Bible 700	1. The Psalms	10. Psalm 100: Background
	2. The History of the Psalms	11. Poetry of Psalm 100
	3. The Types of Psalms	12. Meaning of Psalm 100
	4. The Use of the Psalms	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Hebrew Poetry: Variations	15. Test
	7. Forms of Hebrew Poetry	16. Alternate Test*
	8. Patterns of Hebrew Poetry	17. Reference
	9. Quiz 2 (bib07u062q.xml)	

Unit 7: Life of Christ - Part 1		
Assignments		
Bible 700	1. The Pre-existence of Christ	11. Jesus and the Woman at the Well
	2. The Birth of Christ	12. Quiz 3
	3. The Youth of Christ	13. Early Galilean Ministry: Miracles
	4. Quiz 1	14. Early Galilean Ministry: Controversies
	5. The Baptism of Jesus	15. Early Galilean Ministry: Sermons
	6. The Temptations of Jesus	16. Quiz 4
	7. The Disciples of Christ	17. Special Project*
	8. Quiz 2	18. Test
	9. Jesus' Cleansing of the Temple	19. Alternate Test*
	10. Jesus' Conversation with Nicodemus	20. Reference

Unit 8: Life of Christ - Part 2	
Assignments	
Bible 700	1. Public Ministry in Galilee: Miracles
	2. Miracles II
	3. Parables
	4. Quiz 1
	5. Private Ministry in Galilee
	6. The Lord's Provision
	7. The Transfiguration
	8. Quiz 2
9. Public Ministry in Judea and Perea	
10. Project: Opposition to Faith	
11. Perea Ministry	
12. Quiz 3	
13. Special Project*	
14. Test	
15. Alternate Test*	
16. Reference	

Unit 9: Life of Christ - Part 3	
Assignments	
Bible 700	1. Jesus' Final Ministry in Jerusalem
	2. Jesus' Private Ministry in Jerusalem
	3. The Last Supper
	4. Quiz 1
	5. Jesus' Sufferings and Crucifixion
	6. Trials: Sanhedrin, Pilate, Herod
	7. Crucifixion, Death, and Burial
	8. Quiz 2
9. Jesus' Resurrection and Ascension	
10. The Appearances	
11. The Ascension	
12. Quiz 3	
13. Special Project*	
14. Test	
15. Alternate Test*	
16. Reference	

Unit 10: God's Plan in Christ	
Assignments	
Bible 700	1. God and His Attributes
	2. The Plan of God
	3. Quiz 1
	4. Man's History: Life Before Christ
	5. Human Life After the Fall
	6. Human Life After Christ
	7. Quiz 2
	8. Jesus Christ Fulfills God's Plan
	9. The Life of Christ: His Birth
	10. Unique in His Ministry
11. Unique in His Death and Resurrection	
12. Quiz 3	
13. Man's Response to God	
14. Maturing in the Lord	
15. Quiz 4	
16. Memory Verse Quiz (All Units)	
17. Special Project*	
18. Test	
19. Alternate Test*	
20. Reference	

Bible 800

Bible 800 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on prayer, salvation, the attributes of God, the book of Proverbs, and interpersonal relationships. Special emphasis is given to a survey of Church history from the early Church through the Reformation. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and Church history (a special topic).

Objectives

- Understand the nature and use of prayer.
- Explain the relationship of sin and salvation in the Gospel message.
- Describe various attributes that belong to God.
- Identify key people, places, and events in Church history.
- Describe the deterioration of the Church in the Middle Ages.
- Pursue biblical truths in the development of relationships.
- Explain the relationship between parents and children.

Unit 1: Prayer		
Assignments		
Bible 800	1. Course Overview	9. A Prayerful Response: From Adoration to Surrender
	2. Christ's Model Prayer	10. The Request in Prayer
	3. The Lord's Prayer: Invocation; First to Fourth Petitions	11. Unanswered Requests; Effectiveness in Prayer
	4. The Lord's Prayer: Fifth Petition to Conclusion	12. Quiz 2
	5. The Purpose of Christ's Model Prayer; Benefits of Prayer	13. Special Project*
	6. Quiz 1	14. Test
	7. The Early History of Prayer	15. Alternate Test*
	8. A Prayerful Response: From Faith to Confession	16. Reference

Unit 2: Sin and Salvation		
Assignments		
Bible 800	1. The Nature of Sin	8. The Results of Salvation: Growth in Grace
	2. The Universality of Sin	9. Assurance of Salvation
	3. Quiz 1	10. Quiz 3
	4. The Nature of Salvation	11. Special Project*
	5. The Process of Salvation	12. Test
	6. Quiz 2	13. Alternate Test*
	7. The Results of Salvation: Forgiveness	14. Reference

Unit 3: Attributes of God		
Assignments		
Bible 800	1. Justice as God's Nature	9. Quiz 3
	2. Justice: An Expression of God	10. Love: A Godly Characteristic
	3. Quiz 1	11. Love: A Christian Virtue
	4. Immutability: Divine Perfection	12. Quiz 4
	5. Immutability: A Solid Foundation	13. Special Project*
	6. Quiz 2	14. Test
	7. God's Eternality	15. Alternate Test*
	8. God's Eternality in the Bible	16. Reference

Unit 4: Early Church Leaders		
Assignments		
Bible 800	1. The Age of the Apostles	9. Men of the Reformation
	2. The Age of the Church Fathers	10. Places of the Reformation
	3. The Age of the Apologists	11. Quiz 3
	4. The Age of the Theologians	12. Special Project*
	5. Quiz 1	13. Test
	6. The Spread of the Roman Church	14. Alternate Test*
	7. Division and Renaissance	15. Reference
	8. Quiz 2	

Unit 5: Early Church History		
Assignments		
Bible 800	1. The Roman Setting (1)	11. The Martyrdom of Stephen
	2. The Roman Setting (2)	12. The Period of Transition
	3. Jewish Background (1)	13. Two Important Conversions
	4. Jewish Background (2)	14. New Churches
	5. Report: Religious Leaders	15. Quiz 2
	6. Quiz 1	16. Memory Verse Quiz (Units 1-5)
	7. Christianity's Beginnings: Ministry of Jesus	17. Special Project*
	8. The Pentecost Experience	18. Test
	9. The Church at Jerusalem	19. Alternate Test*
	10. The Beginning of Opposition	20. Reference

Unit 6: The Early Churches		
Assignments		
Bible 800	1. The Early Missionary Journeys	11. Persecuted Churches
	2. The First Missionary Journey	12. Apostate Churches
	3. Jerusalem Conference	13. Churches United in Christ
	4. The Second Missionary Journey	14. Report: The Early Church
	5. Quiz 1	15. Quiz 3
	6. The Third Missionary Journey	16. Special Project*
	7. Final Journey to Jerusalem	17. Test
	8. Quiz 2	18. Alternate Test*
	9. The Ephesian Church	19. Reference
	10. The Cretan Church	

Unit 7: The Book of Proverbs		
Assignments		
Bible 800	1. The Literary Design of Proverbs	9. The Themes of Proverbs
	2. Parallelism in Proverbs	10. Repetitions in Proverbs

	3. The Outline of Proverbs	11. Studying Themes in Proverbs
	4. Purposes of Proverbs	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. The New Testament and Proverbs	14. Test
	7. Proverbs in Two Epistles	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 8: Choices		
Assignments		
Bible 800	1. Personal Choices: Knowing What To Do	9. Finding God's Will
	2. Dealing With Guilt	10. Getting Things Done
	3. Knowing about Illegal Drugs	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. Developing Friendships	13. Test
	6. Studying Effectively	14. Alternate Test*
	7. Studying Honestly	15. Reference
	8. Quiz 2	

Unit 9: Understanding the Family		
Assignments		
Bible 800	1. Understanding Parents	9. Quiz 2
	2. Human Parents	10. Your Parents' Life
	3. Some Biblical Parents	11. Your Parents' Role
	4. Your Heavenly Father	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. What Makes a Parent	14. Test
	7. What Your Parents Do For You	15. Alternate Test*
	8. What You Should Do For Your Parents	16. Reference

Unit 10: Review		
Assignments		
Bible 800	1. Prayer	11. Understanding Proverbs
	2. Salvation	12. Making Good Choices
	3. Attributes of God	13. Understanding Parents
	4. Quiz 1	14. Quiz 3
	5. Early Church History	15. Memory Verse Quiz (Units 1-10)
	6. Early Church Experience	16. Special Project*
	7. Early Leaders of the Church	17. Test
	8. Leaders from Middle Ages to Reformation	18. Alternate Test*
	9. Report: Reformation Leader	19. Reference
	10. Quiz 2	

New Testament Survey

New Testament Survey provides a developmental and in-depth academic study of the teachings of the New Testament from the Intertestamental period (prior to the birth of Christ) to the book of Revelation. The survey emphasizes the most important people, places, and events in the development and expansion of the Church. The course also includes material on Christian suffering, witnessing, and the will of God. New Testament Survey targets four major strands: theology, biblical literature, biblical background, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the background of the New Testament.
- Identify key people, places, and events in the New Testament.
- Provide the setting and purpose for each New Testament book.
- Understand the importance of the Church.
- Identify the various apostles and their particular ministries.
- Understand the biblical approach to suffering.
- Tell others about the Gospel with more knowledge and confidence.

Unit 1: Introduction to the New Testament	
Assignments	
New Testament Survey	1. Course Overview
	2. Inter-Testamental Period
	3. Various Empires and Periods
	4. Religious Literature
	5. Religious Parties: Scribes and Sadducees
	6. Religious Parties: Pharisees
	7. Quiz 1: Inter-Testamental Period
	8. Historical Books
	9. Instructive Books: Pauline Epistles
	10. Instructive Books: General Epistles
	11. The Prophetical Book
	12. Quiz 2: New Testament Books
	13. Birth to Baptism
14. Temptation to Popular Ministry	
15. Ministry of Opposition to Final Ministry	
16. Arrest to Ascension	
17. Events in the Early Church	
18. Foreign Missions	
19. Events in Revelation	
20. Quiz 3: New Testament Chronology	
21. Special Project*	
22. Test: Introduction to the New Testament	
23. Alternate Test: Introduction to the New Testament*	
24. Reference	

Unit 2: The Gospels	
Assignments	
New Testament Survey	1. Matthew: The Writer
	2. Matthew: Background and Analysis
	3. Report: Matthew
	4. Report: Prophet, Priest, and King*
	5. Quiz 1: Matthew
	6. Mark: The Writer
	7. Mark: Background and Analysis
	8. Quiz 2: Mark
	9. Luke: The Writer
	10. Luke: Background and Analysis
	11. Quiz 3: Luke
	12. John: The Writer
	13. John: Background and Analysis
	14. Quiz 4: John
	15. Special Project*
	16. Test: The Gospels
	17. Alternate Test: The Gospels*
	18. Reference

Unit 3: The Acts of the Apostles		
Assignments		
New Testament Survey	1. The Writer	10. Content: Pentecost
	2. Viewpoint	11. Content: Home Missions
	3. Quiz 1: Writer	12. Content: Foreign Missions
	4. Particular Purpose	13. Quiz 3: Content
	5. Historical Purpose: Jesus	14. Special Project*
	6. Holy Spirit and the Apostles	15. Test: The Acts of the Apostles
	7. Comprehensive Purpose	16. Alternate Test: The Acts of the Apostles*
	8. Essay: The Great Commission	17. Reference
	9. Quiz 2: Purpose	

Unit 4: The Pauline Epistles		
Assignments		
New Testament Survey	1. Paul: Background	11. Report: Obeying Parents*
	2. Paul: The Apostle	12. Quiz 3: Prison Epistles
	3. Paul: The Writer	13. Later Epistles: 1 Timothy and Titus
	4. Report: Education and Ministry	14. Later Epistles: 2 Timothy
	5. Quiz 1: Personal Profile	15. Quiz 4: Later Epistles
	6. Early Epistles: Thessalonians and Corinthians	16. Special Project*
	7. Early Epistles: Romans and Galatians	17. Test: The Pauline Epistles
	8. Quiz 2: Early Epistles	18. Alternate Test: The Pauline Epistles*
	9. Prison Epistles: Ephesians and Philippians	19. Reference
	10. Prison Epistles: Colossians and Philemon	

Unit 5: The General Epistles		
Assignments		
New Testament Survey	1. James: Background	12. 1, 2, and 3 John: The Apostle and Writer
	2. James: The Disciple	13. 1, 2, and 3 John: The Message
	3. James: The Writer and Message	14. Quiz 3: 1, 2, and 3 John
	4. Essay: James*	15. Hebrews
	5. Quiz 1: James	16. Jude
	6. 1 and 2 Peter: Background	17. Quiz 4: Hebrews and Jude
	7. 1 and 2 Peter: The Apostle and Writer	18. Memory Verse Quiz
	8. 1 and 2 Peter: The Message	19. Special Project*
	9. Essay: Peter	20. Test: The General Epistles
	10. Quiz 2: 1 and 2 Peter	21. Alternate Test: The General Epistles*
	11. 1, 2, and 3 John: Background	22. Reference

Unit 6: The Revelation of Jesus Christ				
Assignments				
New Testament Survey	1.	The Seven Churches: Ephesus and Smyrna	9.	The Seven Signs: Signs 4-7 and the Seven Plagues
	2.	The Seven Churches: Pergamos, Thyatira, and Sardis	10.	Quiz 2: Victorious Christ and His Enemy
	3.	The Seven Churches: Philadelphia and Laodicea	11.	The Seven Judgments
	4.	The Seven Seals: Seals 1-4	12.	The Seven Wonders
	5.	The Seven Seals: Seals 5-7	13.	Quiz 3: Triumphant Christ and His Bride
	6.	Quiz 1: Glorious Christ and His People	14.	Special Project*
	7.	The Seven Trumpets	15.	Test: The Revelation of Jesus Christ
	8.	The Seven Signs: Signs 1-3	16.	Alternate Test: The Revelation of Jesus Christ*
			17.	Reference

Unit 7: Biblical Literature: Job and Suffering				
Assignments				
New Testament Survey	1.	Job: Opening Scenes	10.	The Sufferings of Christ: Death and Resurrection
	2.	Job: Great Debate	11.	The Sufferings of Christ: Intercession and Consolation
	3.	Job: Closing Scenes	12.	Essay: Suffering
	4.	Essay: When a Friend is Suffering	13.	Quiz 3: The Sufferings of Christ
	5.	Quiz 1: The Book of Job (bibntsu071q.xml)	14.	Special Project*
	6.	Understanding Suffering	15.	Test: Job and Suffering
	7.	Perspectives on Suffering	16.	Alternate Test: Job and Suffering*
	8.	Quiz 2: Attitudes Toward Suffering	17.	Reference
	9.	The Sufferings of Christ: Life and Ministry		

Unit 8: How to Share Christ With Your Friends				
Assignments				
New Testament Survey	1.	Personal Evangelism	10.	Approaches to Outreach: Missions at Home and Abroad
	2.	Evangelism and the Holy Spirit	11.	Quiz 3: Travel Projects
	3.	Evangelism and Discipleship	12.	Special Project*
	4.	Essay: Witnessing	13.	Test: How to Share Christ With Your Friends
	5.	Quiz 1: Personal Evangelism	14.	Alternate Test: How to Share Christ With Your Friends*
	6.	Approaches to Outreach: Bible Studies	15.	Reference
	7.	Approaches to Outreach: Activities		
	8.	Quiz 2: Outreach		
	9.	Approaches to Outreach: Family Projects		

Unit 9: God's Will for Your Life				
Assignments				
New Testament Survey	1.	The Nature of God's Will	9.	Knowing Your Gifts: Personal Appraisal
	2.	God's Will in His Word and Providence	10.	Knowing Your Gifts: The Confirmation of Others
	3.	Quiz 1: How to Find God's Will for Your Life	11.	Using Your Gifts
	4.	The Need for Goals	12.	Quiz 3: How to Evaluate and Use Talents
	5.	The Types of Goals	13.	Special Project*
	6.	The Attainment of Goals	14.	Test: God's Will for Your Life
	7.	Quiz 2: How to Develop and Keep Goals	15.	Alternate Test: God's Will for Your Life*
	8.	The Giver of Gifts	16.	Reference

Unit 10: Review	
Assignments	
New Testament Survey	1. The Empires
	2. Literature and Parties
	3. The Gospels
	4. The Acts of the Apostles
	5. Quiz 1: Background Information and New Testament Historical Books
	6. Early Pauline Epistles
	7. Pauline Epistles from Prison
	8. Later Pauline Epistles
	9. The General Epistles
	10. Revelation
	11. Quiz 2: Instructive and Prophetical Books
	12. Suffering: Job
	13. Suffering: Mankind and Christ
	14. Sharing Christ with Your Friends
	15. Knowing God's Will
	16. Quiz 3: Suffering; Witnessing; Finding God's Will
	17. Memory Verse Quiz
	18. Special Project*
	19. Test: New Testament Review
	20. Alternate Test: New Testament Review*
	21. Reference

Old Testament Survey

Old Testament Survey provides a developmental and in-depth academic study of the teachings of the Old Testament, from the creation of the world (Genesis) to the restoration of Israel and the ministry of its post-exilic prophets (Malachi). The survey emphasizes the most important people, places, and events in the development and decline of the nation of Israel. These areas target three content strands: theology, biblical literature, and biblical background.

Upon completion of the course, students should be able to do the following:

- Identify the key people, places, and events of the Old Testament.
- Provide the setting and purpose for each Old Testament book.
- Identify the different eras in the history of Israel.
- Appreciate the importance of the nation of Israel.
- Describe the rise and fall of the kingdoms of Judah and Israel.
- Identify the various prophets with the era in which they ministered.

Unit 1: Creation to Abraham	
Old Testament Survey	Assignments
	1. Course Overview
	2. Overview of the Bible
	3. Creation
	4. Quiz 1: Creation
	5. Fall
	6. Essay: Temptation
	7. Project: Promises of God*
	8. Cain and Abel
	9. Quiz 2: Fall
10. Flood	
11. Quiz 3: Flood	
12. Nations	
13. Quiz 4: Nations	
14. Special Project*	
15. Test: Creation to Abraham	
16. Alternate Test: Creation to Abraham*	
17. Reference	

Unit 2: Abraham Through Joseph	
Old Testament Survey	Assignments
	1. Abraham
	2. Abraham: Call from God
	3. Abraham: Egypt to the Covenant
	4. Quiz 1: Abraham
	5. Isaac
	6. Quiz 2: Isaac
	7. Jacob: Early Life/Flight to Haran
	8. Report: Rebekah
	9. Jacob: Return to Canaan
10. Quiz 3: Jacob	
11. Joseph: In Canaan	
12. Joseph: In Egypt	
13. Quiz 4: Joseph	
14. Special Project*	
15. Test: Abraham Through Joseph	
16. Alternate Test: Abraham Through Joseph*	
17. Reference	

Unit 3: The Exodus and Wanderings		
Assignments		
Old Testament Survey	1. Exodus: Bondage in Egypt	10. Numbers: Journey and Sojourn
	2. Exodus: A Deliverer	11. Quiz 3: Numbers
	3. Exodus: Deliverance from Bondage	12. Deuteronomy
	4. Exodus: Law/ Tabernacle/ Priesthood	13. Quiz 4: Deuteronomy
	5. Quiz 1: Exodus	14. Special Project*
	6. Leviticus: Chapters 1-16	15. Test: The Exodus and Wanderings
	7. Leviticus: Chapters 17-27	16. Alternate Test: The Exodus and Wanderings*
	8. Quiz 2: Leviticus	17. Reference
	9. Numbers: Organization	

Unit 4: Israel in Canaan		
Assignments		
Old Testament Survey	1. Final Preparation	8. Quiz 2: Division of the Land
	2. Report: Report of the Spies	9. Farewell and Death of Joshua
	3. Conquest of the Land	10. Quiz 3: Farewell and Death of Joshua
	4. Quiz 1: Conquest of the Land	11. Special Project*
	5. Division of the Land (Part I)	12. Test: Israel in Canaan
	6. Report: Israel in Canaan	13. Alternate Test: Israel in Canaan*
	7. Division of the Land (Part II)	14. Reference

Unit 5: The Judges and Spiritual Decline		
Assignments		
Old Testament Survey	1. The Book of Judges	10. Quiz 3: Two Examples of Decay
	2. Quiz 1: The Book of Judges	11. The Story of Ruth
	3. Othniel	12. Quiz 4: The Story of Ruth
	4. Ehud, Shamgar, and Deborah	13. Memory Verse Quiz
	5. Gideon	14. Special Project*
	6. Tola, Jair, and Jephthah	15. Test: The Judges and Spiritual Decline
	7. Ibzan, Elon, Abdon, and Samson	16. Alternate Test: The Judges and Spiritual Decline*
	8. Quiz 2: The History of the Judges	17. Reference
	9. Spiritual and Moral Decay	

Unit 6: Israel in Canaan		
Assignments		
Old Testament Survey	1. The Ministry of Samuel	10. Job
	2. The Selection of a King	11. Psalms
	3. The Reign of Saul	12. Proverbs
	4. The Demise of Saul	13. Ecclesiastes/ Song of Solomon
	5. The Reign of David	14. Quiz 3: Hebrew Poetry
	6. Quiz 1: The Books of Samuel	15. Special Project*
	7. The Kingdom Under Solomon	16. Test: The Kingdom
	8. The Program of Solomon	17. Alternate Test: The Kingdom*
	9. Quiz 2: The Kingdom Under Solomon	18. Reference

Unit 7: The Divided Kingdom		
Assignments		
Old Testament Survey	1. Jeroboam	11. From Jehoahaz to the Assyrian Captivity
	2. Rehoboam, Abijah, Asa, Nadab and Successors	12. Quiz 3: From Jehu to the Assyrian Captivity
	3. Report: Rehoboam and Jeroboam	13. Prophets: Obadiah and Joel
	4. Quiz 1: Jeroboam to Ahab	14. Prophets: Jonah, Amos, and Hosea
	5. Elijah	15. Quiz 4: The Prophets of the Period
	6. Ahab, Jehoshaphat, and Ahaziah	16. Special Project*
	7. Elijah and Elisha	17. Test: The Divided Kingdom
	8. Elisha, Jehoram, Ahaziah, and Jehu	18. Alternate Test: The Divided Kingdom*
	9. Quiz 2: From Ahab to Jehu	19. Reference
	10. From Jehu to Joash	

Unit 8: The Remaining Kingdom		
Assignments		
Old Testament Survey	1. Hezekiah: Revival and Reform	9. Prophets: Isaiah
	2. Hezekiah: Deliverance to Recovery	10. Prophets: Micah and Nahum
	3. Quiz 1: Hezekiah	11. Prophets: Zephaniah, Habakkuk, Jeremiah
	4. Manasseh and Amon	12. Quiz 4: The Prophets of the Period
	5. The Reforms of Josiah	13. Special Project*
	6. Quiz 2: From Manasseh to Josiah	14. Test: The Remaining Kingdom
	7. From Jehoahaz to the Exile	15. Alternate Test: The Remaining Kingdom*
	8. Quiz 3: From Jehoahaz to the Exile	16. Reference

Unit 9: The Captivity		
Assignments		
Old Testament Survey	1. Jeremiah: History	8. Daniel: The Book
	2. Jeremiah: Ministry and Books	9. Quiz 3: Daniel
	3. Quiz 1: Jeremiah	10. Special Project*
	4. Ezekiel: History and Ministry	11. Test: The Captivity
	5. Ezekiel: The Book	12. Alternate Test: The Captivity*
	6. Quiz 2: Ezekiel	13. Reference
	7. Daniel: History and Ministry	

Unit 10: The Restoration		
Assignments		
Old Testament Survey	1. First Return from Exile: Under Zerubbabel	11. Registration, Revival, and Reform
	2. The Rebuilding of the Temple	12. Quiz 4: Third Return from Exile
	3. Quiz 1: The First Return from Exile	13. Prophets: Haggai
	4. The Preservation in Exile	14. Prophets: Zechariah and Malachi
	5. Quiz 2: The Preservation in Exile	15. Quiz 5: The Prophets of the Period
	6. Second Return from Exile: Under Ezra	16. Memory Verse Quiz
	7. The Reforms in Jerusalem	17. Special Project*
	8. Quiz 3: The Reforms in Jerusalem	18. Test: The Restoration
	9. Third Return from Exile: Under Nehemiah	19. Alternate Test: The Restoration*
	10. Rebuilding the Walls of Jerusalem	20. Reference

Bible Doctrine

Bible Doctrine provides a developmental and in-depth academic study of the teachings of the Old and New Testaments, focusing on important topics including the faithfulness of God; the doctrine of Christ; the nation of Israel; the history and integrity of the Bible; the pursuit of happiness; and friendship, dating, and marriage. There is also a special emphasis on the book of Romans. These areas target four content strands: theology, the attributes of God, Christian growth, and Christian evidences.

Objectives

- Explain the meaning of God's faithfulness to His people.
- Identify the key themes for understanding the book of Romans.
- Discuss the unique features of Christ's person and work.
- Describe the development and role of the nation of Israel.
- Describe the development of the Old and New Testaments into one book.
- Identify the essential components of successful relationships.
- Know how to avoid the failures of Solomon's pursuit of happiness.
- Answer critics concerning the truthfulness of the Bible.

Unit 1: The Faithfulness of God		
Assignments		
Bible Doctrine	1. Course Overview	11. The Work of the Faithful High Priest
	2. The Affirmation of God's Faithfulness	12. Quiz 3: Manifestations of God's Faithfulness
	3. The Declaration of God's Faithfulness	13. The Implications of God's Faithfulness
	4. Essay: God's Faithfulness	14. The Responsibility of Faithfulness
	5. Quiz 1: The Affirmation of God's Faithfulness	15. Quiz 4: Implications of God's Faithfulness
	6. The Nature of God's Faithfulness	16. Special Project*
	7. The Contrasts to God's Faithfulness	17. Test
	8. Quiz 2: The Nature of God's Faithfulness	18. Alternate Test*
	9. The Manifestations of God's Faithfulness	19. Reference
	10. The Message of the Faithful Witness	

Unit 2: Romans Part I		
Assignments		
Bible Doctrine	1. Roman Empire: Politics	9. Quiz 2: Paul's Epistle to the Romans
	2. Roman Empire: Population	10. The Way According to Romans
	3. The Roman Church	11. Salvation
	4. The Book of Romans	12. Quiz 3: The Way According to Romans
	5. Quiz 1: Historical Background Of The Roman Empire	13. Special Project*
	6. Paul's Epistle to the Romans	14. Test
	7. State of Condemnation	15. Alternate Test*
	8. State of Justification	16. Reference

Unit 3: Romans Part II		
Assignments		
Bible Doctrine	1. Children of Choice	9. From Sin to Salvation
	2. Unrighteousness and the Gentiles	10. From Salvation to Sanctification
	3. Quiz 1: Children of Choice	11. From Glory to Glory
	4. Service	12. Quiz 3: Roman Victory
	5. Submission	13. Special Project*
	6. Conduct	14. Test
	7. Essay: Conduct	15. Alternate Test*
	8. Quiz 2: Principles In Practice	16. Reference

Unit 4: The Doctrine of Jesus Christ		
Assignments		
Bible Doctrine	1. The Deity of Jesus	7. Essay: Christ's Ministry
	2. The Names of Jesus	8. Quiz 2: The Work of Jesus Christ
	3. The Incarnation of Jesus	9. Special Project*
	4. Quiz 1: The Person of Jesus Christ	10. Test
	5. The Work of Jesus	11. Alternate Test*
	6. After the Cross	12. Reference

Unit 5: The Nation of Israel		
Assignments		
Bible Doctrine	1. The Abrahamic Covenant	9. The Archaeological Discoveries (1)
	2. God's Fulfillment (1)	10. The Archaeological Discoveries (2)
	3. God's Fulfillment (2)	11. Quiz 3: The Archaeological Discoveries
	4. Quiz 1: The Abrahamic Covenant	12. Memory Verse Quiz
	5. The Significance of the Hebrew Nation (1)	13. Special Project*
	6. The Significance of the Hebrew Nation (2)	14. Test
	7. Spiritual Significance	15. Alternate Test*
	8. Quiz 2: The Significance of the Hebrew Nation	16. Reference

Unit 6: The History of the Canon		
Assignments		
Bible Doctrine	1. The Doctrine of the Bible	10. Quiz 2: The Formation of the Bible
	2. Inspiration	11. The Recognition of the Scriptures
	3. Authority	12. Canonicity of the New Testament
	4. Illumination and Interpretation	13. Quiz 3: The Recognition of the Scriptures
	5. Quiz 1: The Doctrine of the Bible	14. Special Project*
	6. The Formation of the Bible	15. Test
	7. Formation of the Old Testament	16. Alternate Test*
	8. Formation of the New Testament	17. Reference
	9. Report: Inspiration	

Unit 7: Friendship, Dating, and Marriage		
Assignments		
Bible Doctrine	1. The Definition of Friendship	10. The Origin of Marriage
	2. The Possibility for Friendship	11. What is Marriage?
	3. The Responsibilities in Friendship	12. The Purpose and Structure of Marriage
	4. Report: Interview*	13. Quiz 3: Marriage
	5. Quiz 1: Friendship	14. Special Project*
	6. What is Dating?	15. Test
	7. Report: Dating Definition	16. Alternate Test*
	8. The Challenges in Dating	17. Reference
	9. Quiz 2: Dating	

Unit 8: The Pursuit of Happiness		
Assignments		
Bible Doctrine	1. Reversion	7. Recovery
	2. Solomon's Sin	8. Quiz 2: Results
	3. Quiz 1: Reversion	9. Special Project*
	4. Results (1)	10. Test
	5. Results (2)	11. Alternate Test*
	6. God's Solution	12. Reference

Unit 9: Apologetics		
Assignments		
Bible Doctrine	1. Questions About the Integrity of the Bible	10. Interpretation and Application of the Bible
	2. Scientific Accuracy	11. Practice and Experience
	3. Quiz 1: Questions About the Integrity of the Bible	12. Quiz 3: The Interpretation and Application of the Bible
	4. Questions About the Doctrines of the Bible	13. Special Project*
	5. Miracles	14. Test
	6. Creation; Evil; Divine Silence	15. Alternate Test*
	7. Unevangelized People	16. Reference
	8. Essay: C.S. Lewis	
	9. Quiz 2: Questions About the Doctrines of the Bible	

Unit 10: Review		
Assignments		
Bible Doctrine	1. The Means and Purpose of Revelation	13. The Revelation of God in the Bible
	2. Preparation of the Revelation	14. The Revelation of God's Righteousness
	3. The Formation of the Bible	15. The Life of Christ
	4. Canonicity/ Findings of Archaeology	16. Quiz 4: The Revelation of God in the Bible
	5. Report: Ebla Tablets	17. Principles for Christian Living
	6. Quiz 1: The Uniqueness of the Bible	18. Principles for Spiritual Maturity
	7. The Book of Romans (Part 1)	19. Quiz 5: Principles for Christian Living
	8. The Book of Romans (Part 2)	20. Special Project*
	9. Quiz 2: The Book of Romans	21. Test
	10. The History of Israel (Part 1)	22. Alternate Test*
	11. The History of Israel (Part 2)	23. Reference
	12. Quiz 3: The History of Israel	

Christian Faith and Living

Christian Faith and Living applies what students have learned in their study of the teachings of the Old and New Testaments. The course focuses on personal Christian ministry, the nature of God, comparative religions, and the writings of James, John, David, Solomon, and Daniel. These areas target three content strands: the attributes of God, biblical literature, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the unique identity of a Christian.
- Pursue the various opportunities to serve as a Christian.
- Explain the Christian view of the Trinity.
- Identify the meaning of James' and John's letters.
- Describe the contents of the book of Daniel.
- Contrast Christianity with other religions of the world.
- Use God's wisdom to solve problems among today's youth.
- Identify the practical steps toward successful Christian living.

Unit 1: Knowing Yourself		
Assignments		
Christian Faith and Living	1. Course Overview	15. Project: Backward Look
	2. Knowing What You Are: God's Creation	16. Project: Inward Look
	3. Your Unique Personality	17. Project: Forward Look
	4. Your Interaction with Others	18. What to Look for in Vocational Skills
	5. Quiz 1: Personality	19. Project: Work Values
	6. Knowing Who You Are: A Child of God	20. Project: Motives
	7. Project: Your Personal Testimony*	21. Project: Vocational Interests
	8. Project: Memorize Scripture*	22. Project: Vocational Skills
	9. A Servant of God	23. Quiz 3: Skills
	10. Project: Channels of Communication*	24. Special Project*
	11. Spiritual Gifts	25. Test
	12. Knowing Your Spiritual Gifts	26. Alternate Test*
	13. Quiz 2: Gifts	27. Reference
	14. How You Are Equipped: Personal Skills	

Unit 2: Christian Ministries		
Assignments		
Christian Faith and Living	1. Varieties of Ministry	11. Ministry vs. Career
	2. The Two Modern Meanings	12. Project: Career*
	3. Project: Ministers	13. Project: Witness*
	4. Project: What is a Ministry?*	14. Quiz 3: How A Christian Ministry Relates to a Career
	5. Quiz 1: What a Christian Ministry Is	15. Special Project*
	6. Ministry Occupations	16. Test
	7. Project: The Effect of Ministry*	17. Alternate Test*
	8. Movements	18. Reference
	9. Social Services, Media, and Support	
	10. Quiz 2: How Christian Ministries Are Served	

Unit 3: Choosing a Ministry	
Assignments	
Christian Faith and Living	1. Gathering Information: Where to Look
	2. Project: Career Search*
	3. What to Look For
	4. Project: Priorities*
	5. Quiz 1: Gathering Information About Available Career/Ministries
	6. Applying: Making Contacts/Writing a Resume
	7. Project: Applications*
	8. Project: Resume
	9. Project: Cover Letter*
	10. Interviewing and Candidating
	11. Quiz 2: Applying for a Prospective Career/Ministry
	12. Reaching Conclusions: Divine Guidance
13. Project: Prayer List*	
14. Project: God's Will	
15. Career Decisions: Human Responsibility	
16. Project: Roadblocks	
17. Project: Decision Making*	
18. Career Planning	
19. Quiz 3: Reaching A Conclusion About Your Career/Ministry	
20. Special Project*	
21. Test	
22. Alternate Test*	
23. Reference	

Unit 4: Godhead	
Assignments	
Christian Faith and Living	1. Old Testament View of the Godhead
	2. Names of God in the Old Testament
	3. Project: Yahweh
	4. Project: Use of Names*
	5. Quiz 1: Old Testament View of the Godhead
	6. Project: Developing Revelation
	7. The Godhead in John and Paul's Epistles
	8. Project: Paul's View
	9. Quiz 2: New Testament View of the Godhead
	10. Origin of the Doctrine of the Godhead
	11. Old Testament View of the Godhead
	12. Project: Early Church Theologians*
13. Essay: Historical Development*	
14. Development of Christian Creeds	
15. Project: Three Arguments*	
16. Quiz 3: Historical Perspectives of the Godhead	
17. Christian Faith in the Godhead	
18. Quiz 4: Man's Relationship with the Godhead	
19. Special Project*	
20. Test	
21. Alternate Test*	
22. Reference	

Unit 5: The Attributes of God: Holiness and Goodness	
Assignments	
Christian Faith and Living	1. The Holiness of God: His Holy Person
	2. Holiness of the Son and the Holy Spirit
	3. Project: Power of the Holy Spirit
	4. God's Holy Place
	5. God's Holy People
	6. Quiz 1: The Holiness of God
	7. The Goodness of God: In His Character
	8. Goodness of the Son and the Holy Spirit
	9. Project: Young Ruler*
	10. In His Creation
	11. In the World and in Mankind
	12. In His Salvation
13. Project: Glory to God	
14. Quiz 2: The Goodness of God	
15. Special Project*	
16. Test	
17. Alternate Test*	
18. Reference	

Unit 6: The Epistles of James and John		
Assignments		
Christian Faith and Living	1. The Epistle of James: The Man	11. Fellowship with God
	2. The Authenticity of James	12. Project: Healing Today
	3. The Message: James	13. The Message: Second John
	4. Faith Versus Works	14. The Message: Third John
	5. Project: Wisdom	15. Quiz 2: The Epistle of John
	6. Prayer, Lust, Money, and Healing	16. Special Project*
	7. Quiz 1: The Epistle of James	17. Test
	8. The Epistle of John: The Man	18. Alternate Test*
	9. The Authenticity of the Epistles of John	19. Reference
	10. The Message: First John	

Unit 7: Biblical Literature (Daniel)		
Assignments		
Christian Faith and Living	1. Daniel's Influence for God: Man of Conviction	11. The Seventy Sevens
	2. Daniel's Godly Purpose	12. Project: Interpretation
	3. Project: Fiery Furnace	13. The Mighty Kings
	4. Interpreter of Dreams	14. Project: Daniel 11
	5. Project: Belshazzar*	15. Quiz 2: Daniel's Visions from God
	6. Watchman of Prayer	16. Special Project*
	7. Quiz 1: Daniel's Influence for God	17. Test
	8. Daniel's Visions from God: The Four Beasts	18. Alternate Test*
	9. The Ram and the He-Goat	19. Reference
	10. Project: Antiochus Epiphanes*	

Unit 8: Comparative Religions		
Assignments		
Christian Faith and Living	1. Christianity: Basic Elements	12. Essay: Zoroastrianism
	2. The Validity of the Christian Faith	13. Quiz 2: World Religions
	3. Project: The Great Difference	14. The Occult: Spiritualism
	4. Quiz 1: Systems of Worship	15. Psychic Phenomena and Astrology
	5. World Religions: Buddhism	16. Project: Daniel
	6. Project: Christian Response to Buddhism	17. Quiz 3: The Occult
	7. Confucianism	18. Special Project*
	8. Hinduism	19. Test
	9. Essay: Hinduism	20. Alternate Test*
	10. Islam	21. Reference
	11. Zoroastrianism	

Unit 9: Wisdom for Today's Youth	
Assignments	
Christian Faith and Living	1. The Life of David (1)
	2. The Life of David (2)
	3. David's Character
	4. Essay: DAVID
	5. The Life of Solomon
	6. Solomon's Character
	7. Quiz 1: David and Solomon
	8. Psalms and Proverbs: God's Cleansing, Comfort
	9. Project: Cleansing
	10. God's Presence, Sovereignty, Guidance
	11. Project: Psalms 139
12. Project: Tongue	
13. Quiz 2: Psalms and Proverbs	
14. Literary Styles in the Bible	
15. Prefigurations in the Bible	
16. Problem Solving in the Bible	
17. Quiz 3: The Bible and Literature	
18. Special Project*	
19. Test	
20. Alternate Test*	
21. Reference	

Unit 10: Practical Christian Living	
Assignments	
Christian Faith and Living	1. The Nature and Holiness of God
	2. The Word, Salvation, Defense of the Faith
	3. Project: Salvation
	4. Quiz 1: Fundamentals of The Christian Faith
	5. Spiritual Gifts
	6. Project: Spiritual Gifts
	7. Personality
	8. Project: Temptations
	9. Christlike Character and Conduct
	10. Project: Moral Dilemma
	11. Spiritual Development and Prayer
	12. Project: Trials and Tribulations
13. Scripture Study	
14. Quiz 2: Growing Toward Christian Maturity	
15. Life Work and Ministry	
16. Values	
17. Spoken Testimony	
18. Project: Personal Testimony	
19. Debate and Apologetics	
20. Quiz 3: Influencing The World for Christ	
21. Special Project*	
22. Test	
23. Alternate Test*	
24. Reference	

History and Geography

History and Geography 300

The third grade curriculum is an exploration of the history and geography of the United States. The intent of the course is to give the student an overview of the United States. The student will learn map terminology such as latitude, longitude, and compass rose. These and other geographical terms, along with an overview of the geography of the United States, will help the student discuss and understand the geography of the United States.

Objectives

- Identify and use map terminology including latitude, longitude, and compass rose.
- Compare and contrast regional geography across the United States and how this contributes to weather, resources and recreation in the region.
- Examine and describe key events for each region.
- Examine and describe the contributions of famous people from each region.
- Recognize the basics of how the United States was formed.
- Recognize the basics of the operation of United States government.

Unit 1: Geography		
Assignments		
History and Geography 300	1. Course Overview	13. Community
	2. Map Skills	14. Culture
	3. Longitude and Latitude	15. Community Organization
	4. Cartographers	16. Project 2: Essay
	5. Project 1: Map Drawing	17. Quiz 3: Community
	6. Quiz 1: Geography	18. Alternate Quiz 3: Community*
	7. Alternate Quiz 1: Geography*	19. Special Project*
	8. Resources	20. Review Activities
	9. Human Resources	21. Test
	10. Goods and Services	22. Alternate Test*
	11. Quiz 2: Resources	23. Glossary and Credits
	12. Alternate Quiz 2: Resources*	

Unit 2: New England States		
Assignments		
History and Geography 300	1. States in New England	13. Alternate Quiz 2: New England Resources*
	2. Geography of New England	14. New England Community and Culture
	3. Weather of New England	15. Education
	4. Project 1: Map Drawing of New England States	16. Recreation
	5. Quiz 1: New England States	17. Quiz 3: New England Community
	6. Alternate Quiz 1: New England States*	18. Alternate Quiz 3: New England Community*
	7. New England Natural Resources	19. Special Project*
	8. New England Human Resources	20. Review Activities
	9. Famous People	21. Test
	10. Products and Services	22. Alternate Test*
	11. Project 2: Research	23. Glossary and Credits
	12. Quiz 2: New England Resources	

Unit 3: Mid-Atlantic States		
Assignments		
History and Geography 300	1. States in the Mid-Atlantic	13. Alternate Quiz 2: Mid-Atlantic Resources*
	2. Geography of the Mid-Atlantic	14. Mid-Atlantic Community
	3. Weather of the Mid-Atlantic	15. Government
	4. Project 1: Map Drawing of the Mid-Atlantic States	16. Recreation
	5. Quiz 1: Mid-Atlantic States	17. Quiz 3: Mid-Atlantic Community
	6. Alternate Quiz 1: Mid-Atlantic States*	18. Alternate Quiz 3: Mid-Atlantic Community*
	7. Mid-Atlantic Natural Resources	19. Special Project *
	8. Famous People	20. Review Activities
	9. Products and Services	21. Test
	10. Project 2: Research	22. Alternate Test*
	11. Quiz 2: Mid-Atlantic Resources	

Unit 4: Southern-Atlantic States		
Assignments		
History and Geography 300	1. States in the Southern-Atlantic Region	11. Quiz 2: Southern-Atlantic Resources
	2. Geography of the Southern-Atlantic States	13. Alternate Quiz 2: Southern-Atlantic Resources
	3. Weather of the Southern-Atlantic States	14. Southern-Atlantic Community
	4. Project 1: Map Drawing of the Southern-Atlantic States	15. Space Exploration
	5. Quiz 1: Geography of the Southern-Atlantic States	16. Southern-Atlantic Recreation
	6. Alternate Quiz 1: Geography of the Southern-Atlantic States*	17. Quiz 3: Southern-Atlantic Community
	7. Southern-Atlantic Resources	18. Alternate Quiz 3: Southern-Atlantic Community*
	8. Famous People	19. Special Project*
	9. Products and Services	20. Review Activities
	10. Project 2: Research	21. Test
	22. Alternate Test*	

Unit 5: Southern States		
Assignments		
History and Geography 300	1. States in the Southern Region	13. The Civil War
	2. Geography of the Southern States	14. Music
	3. Weather of the Southern States	15. Recreation
	4. Project 1: Map Drawing of the Southern States	16. Project 2: Research
	5. Quiz 1: Geography of the Southern States	17. Quiz 3: Southern States Community
	6. Alternate Quiz 1: Geography of the Southern States*	18. Alternate Quiz 3: Southern States Community*
	7. Southern States Resources	19. Special Project*
	8. Famous People	20. Review Activities
	9. Products and Industries	21. Test
	10. Quiz 2: Southern States Resources	22. Alternate Test*
	11. Alternate Quiz 2: Southern States Resources*	23. Glossary and Credits
	12. Southern States Community	

Unit 6: Great Lakes States		
Assignments		
History and Geography 300	1. States in the Great Lakes Region	12. Alternate Quiz 2: Great Lakes Resources*
	2. Geography of the Great Lakes Region	13. Great Lakes Community
	3. Weather in the Great Lakes region	14. Invention
	4. Project 1: Map Drawing of the Great Lakes States	15. Recreation
	5. Quiz 1: Great Lakes States	16. Quiz 3: Great Lakes Community
	6. Alternate Quiz 1: Great Lakes States*	17. Alternate Quiz 3: Great Lakes Community*
	7. Great Lakes States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Great Lakes Resources	22. Glossary and Credits

Unit 7: Midwestern States		
Assignments		
History and Geography 300	1. States in the Midwest	12. Alternate Quiz 2: Midwest Region Resources
	2. Geography of the Midwest	13. Midwest Community
	3. Weather in the Midwest	14. Native Americans
	4. Project 1: Map Drawing of the Midwest region	15. Recreation
	5. Quiz 1: Midwest States	16. Quiz 3: Midwest Community
	6. Alternate Quiz 1: Midwest States*	17. Alternate Quiz 3: Midwest Community*
	7. Midwest Region Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Midwest Region Resources	22. Glossary and Credits

Unit 8: Mountain States		
Assignments		
History and Geography 300	1. States in the Mountain Region	12. Alternate Quiz 2: Mountain States Resources*
	2. Geography of the Mountain Region	13. Mountain States Community
	3. Weather in the Mountain Region	14. Cowboys
	4. Project 1: Map Drawing of the Mountain Region	15. Recreation
	5. Quiz 1: The Mountain Region	16. Quiz 3: Mountain States Community
	6. Alternate Quiz 1: The Mountain Region*	17. Alternate Quiz 3: Mountain States Community*
	7. Mountain States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Mountain States Resources	22. Glossary and Credits

Unit 9: Pacific States	
Assignments	
History and Geography 300	1. States in the Pacific Region
	2. Geography of the Pacific Region
	3. Weather in the Pacific Region
	4. Project 1: Map Drawing of the Mountain Region
	5. Quiz 1: The Pacific Region
	6. Alternate Quiz 1: The Pacific Region*
	7. Pacific States Resources
	8. Famous People
	9. Project 2: Research
	10. Products and Services
	11. Quiz 2: Pacific States Resources
12. Alternate Quiz 2: Pacific States Resources*	
13. Pacific States Community	
14. Computers	
15. Recreation	
16. Quiz 3: Pacific States Community	
17. Alternate Quiz 3: Pacific States Community*	
18. Special Project*	
19. Review Activities	
20. Test	
21. Alternate Test*	
22. Glossary and Credits	

Unit 10: Review	
Assignments	
History and Geography 300	1. Geography of the United States
	2. Project 1: Map Drawing: Geography of the United States
	3. Quiz 1: Geography of the United States
	4. Alternate Quiz 1: Geography of the United States*
	5. Eastern US States Review
	6. Southern Atlantic States Review
	7. Southern States Review
	8. Quiz 2: Eastern US States Review
	9. Alternate Quiz 2: Eastern US States Review*
	10. Western US States Review
11. Mountain States Review	
12. Pacific States Review	
13. Quiz 3: Western US States Review	
14. Alternate Quiz 3: Western US States Review*	
15. Project 2: Poster Project	
16. Special Project*	
17. Review Activities	
18. Test	
19. Alternate Test*	
20. Glossary and Credits	

History and Geography 400

History and Geography 400 continues the process of developing in students an understanding of and appreciation for God’s activity as seen in the record of man and his relationships. The course focuses on World Geography, describing the surface of the Earth and its natural features (biomes). It also teaches about cultural distinctives, placing special emphasis on North American geography and culture. Then, expanding on instruction, it presents a survey of Earth and space explorations. These areas of focus target three major content strands: Geography, History, and Social Studies Skills.

Upon completion of the course, students should be able to:

- identify significant explorers, such as Prince Henry, Christopher Columbus, and Ferdinand Magellan, noting their accomplishments.
- locate and describe different regions of the world, such as climactic and topographical regions.
- understand the world in spatial terms (according to hemispheres and maps).
- locate and describe U.S. regions made up of various groups of states, such as New England and the plains states.
- identify cultural and geographic differences between various biomes and countries that are covered in the course.

Unit 1: Our Earth	
Assignments	
History and Geography 400	1. Course Overview
	2. Maps
	3. Oceans
	4. Continents
	5. Rivers and Lakes
	6. Quiz 1
	7. Early Exploration of Earth: Part 1
	8. Project: Spices*
	9. Early Exploration of Earth: Part 2
	10. Quiz 2
	11. Recent Exploration of Earth: Part 1
	12. Recent Exploration of Earth: Part 2
	13. Report: Space Flight
	14. Report: Space Missions*
	15. Quiz 3
	16. Special Project*
	17. Review Game
	18. Test
	19. Alternate Test*
	20. Reference

Unit 2: Seaport Cities		
Assignments		
History and Geography 400	1. Seaports	15. Turkish Culture
	2. Project: Map Part 1	16. Quiz 3
	3. Australia	17. London-Part 1
	4. Sydney	18. Project: Map Part 3
	5. Report: Animals	19. Project: Name the Parts*
	6. Project: Australian Flag*	20. London-Part 2
	7. Quiz 1	21. British Culture
	8. Hong Kong-Part 1	22. Project: Map Part 4
	9. Hong Kong-Part 2	23. Quiz 4
	10. Chinese Culture	24. Special Project*
	11. Quiz 2	25. Review Game
	12. Istanbul-Part 1	26. Test
	13. Project: Map Part 2	27. Alternate Test*
	14. Istanbul-Part 2	28. Reference

Unit 3: Desert Lands		
Assignments		
History and Geography 400	1. What is a Desert?	10. Project: Nomads*
	2. Life in the Desert	11. Modern Ways of Life
	3. Project: Plants and the Desert	12. Project: Inventions
	4. Project: Desert Animals	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Northern Hemisphere Deserts	15. Review Game
	7. Southern Hemisphere Deserts	16. Test
	8. Quiz 2	17. Alternate Test*
	9. How Do People Live in the Desert?	18. Reference

Unit 4: Grasslands		
Assignments		
History and Geography 400	1. Grasslands	11. Quiz 2
	2. The Ukraine-Part 1	12. Argentina-Part 1
	3. The Ukraine-Part 2	13. Argentina-Part 2
	4. The Ukraine-Part 3	14. Argentina-Part 3
	5. Quiz 1	15. Quiz 3
	6. Kenya-Part 1	16. Special Project*
	7. Kenya-Part 2	17. Review Game
	8. Kenya-Part 3	18. Test
	9. Project: Kenyan Safari	19. Alternate Test*
	10. Kenya-Part 4	20. Reference

Unit 5: Tropical Rainforests	
History and Geography 400	Assignments
	1. Rainforests of the World
	2. Plants and Animals of the Rainforest
	3. People and the Rainforest
	4. Report: Rainforest Plants and Animals
	5. Quiz 1
	6. The Amazon
	7. History of Amazonia
	8. Amerindians of the Amazon
	9. Quiz 2
	10. The Congo Rainforest
	11. History of the Congo
	12. Report: The Livingstone Story
	13. People of the Congo Rainforest
	14. Quiz 3
	15. Special Project*
	16. Review Game
	17. Test
	18. Alternate Test*
19. Reference	

Unit 6: The Polar Regions	
History and Geography 400	Assignments
	1. The Polar Regions
	2. Ice and Icebergs
	3. Quiz 1
	4. Arctic Polar Region
	5. Arctic Plant and Animal Life
	6. Report: Arctic Animal
	7. Life in the Arctic
	8. The Arctic Today
	9. Quiz 2
	10. The Antarctic Polar Region
	11. The Last Place on Earth
	12. Report: Polar Explorer
	13. Quiz 3
	14. Special Project*
	15. Review Game
	16. Test
	17. Alternate Test*
18. Reference	

Unit 7: Mountain Countries	
History and Geography 400	Assignments
	1. Mountain Regions
	2. The Andes and Peru
	3. Peru Today
	4. Quiz 1
	5. The Himalayas
	6. Nepal
	7. Nepalese History
	8. Nepal Today
	9. Quiz 2
	10. Switzerland of the Alps
	11. Swiss History
	12. Switzerland Today
	13. Quiz 3
	14. Special Project*
	15. Review Game
	16. Test
	17. Alternate Test*
18. Reference	

Unit 8: Living in Island Countries	
History and Geography 400	Assignments
	1. Islands of the World
	2. Cuba
	3. Cuban History
	4. Life in Cuba
	5. Quiz 1
	6. Iceland
	7. History of Iceland
	8. Icelandic Life
	9. Quiz 2
	10. Japan
	11. Japanese History
	12. Life in Japan
	13. Japanese Religion and Art
	14. Quiz 3
	15. Special Project*
	16. Review Game
	17. Test
	18. Alternate Test*
	19. Reference

Unit 9: North America	
History and Geography 400	Assignments
	1. Geography
	2. Peninsulas, Oceans, and Islands
	10. Mexico
	11. Central America

	3. Climate, Resources, and Culture	12. West Indies
	4. Quiz 1	13. Quiz 3
	5. Greenland	14. Special Project*
	6. Canada	15. Review Game
	7. United States-Part 1	16. Test
	8. United States-Part 2	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 10: Our World in Review		
Assignments		
History and Geography 400	1. Review of Geography	13. Review of Antarctica
	2. Review of Exploration	14. Quiz 3
	3. Review of Europe	15. Review of North America
	4. Quiz 1	16. Review of the United States
	5. Review of Asia-Part 1	17. Review of the North Polar Region
	6. Review of Asia-Part 2	18. Quiz 4
	7. Review of Africa	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Review of Australia	21. Test
	10. Project: Investigate the Mystery	22. Alternate Test*
	11. Review of South America-Part 1	23. Reference
	12. Review of South America-Part 2	

History and Geography 500

History and Geography 500 continues the process of developing in students an understanding of and appreciation for God’s activity as seen in the record of man and his relationships. It focuses on two major areas, American History and Geography. The course covers American History from early exploration through the Reconstruction, with special emphasis given to inventions and technology of the 19th and early 20th centuries, and geography of the Americas, with special emphasis on Mexico, Canada, and U.S. regional geography. These areas of focus target four major content strands: History, Geography, Government and Citizenship, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Apply geographic tools, including maps, legends, and symbols.
- Locate and describe U.S. regions made up of various groups of states, such as New England and the Great Plains.

Additionally, students will gain practice in report-writing and story-writing, covering topics like proverbs, the Pledge of Allegiance, frontier life, inventions, and more.

UNIT 1: Exploring the New World	
Assignments	
History and Geography 500	1. Course Overview
	2. Exploration Tools
	3. Maps
	4. Quiz 1
	5. Viking and Portuguese Explorers
	6. Spanish Explorers
	7. English Explorers
	8. French Explorers
	9. Dutch Explorers
	10. Quiz 2
	11. Early Settlements
	12. Project: Prayer of Thanksgiving*
	13. New England Colonies
	14. Middle Colonies
	15. Southern Colonies
	16. Quiz 3
	17. Special Project*
	18. Review Game
	19. Test
	20. Alternate Test*
	21. Reference

Unit 2: Colonial American Life	
History and Geography 500	Assignments
	1. Life in New England Colonies
	2. Project: Family Tree*
	3. New England Clothing and Schools
	4. New England Crafts
	5. New England Worship and Activities
	6. Quiz 1
	7. Life in the Middle Colonies
	8. Benjamin Franklin: A Successful Man
	9. Benjamin Franklin: A Good Citizen
10. Project: Bible Proverbs	
11. Project: Franklin Proverbs*	
12. Quiz 2	
13. Life in the Southern Colonies	
14. Southern Activities and Worship	
15. Quiz 3	
16. Special Project*	
17. Review Game	
18. Test	
19. Alternate Test*	
20. Reference	

Unit 3: Thirteen Colonies Become a Nation	
History and Geography 500	Assignments
	1. A Search for Freedom
	2. Problems With England
	3. Quiz 1
	4. War of Independence
	5. Project: Johnny Cakes*
	6. Independence Declared
	7. A Turning Point Reached
	8. Essay: Revolutionary War*
	9. Quiz 2
10. Victory Declared	
11. A New Nation	
12. Quiz 3	
13. Democracy	
14. Project: Pledge of Allegiance	
15. Quiz 4	
16. Special Project*	
17. Review Game	
18. Test	
19. Alternate Test*	
20. Reference	

Unit 4: New Lands and Troubled Times	
History and Geography 500	Assignments
	1. The Louisiana Purchase
	2. Project: Colonies Map Activity*
	3. The War of 1812
	4. Project: Star Spangled Banner*
	5. Expansion from Sea to Sea
	6. Project: Map of the United States*
	7. Project: America the Beautiful*
	8. Project: Current Event*
	9. Quiz 1
10. Life on the Frontier	
11. Life on the New Frontier	
12. Project: Living in the Frontier	
13. Quiz 2	
14. Problems Between the North and the South	
15. A Great Nation Divided by War	
16. The Aftermath of the Civil War	
17. Quiz 3	
18. Special Project*	
19. Review Game	
20. Test	
21. Alternate Test*	
22. Reference	

Unit 5: The United States Becomes a World Leader	
History and Geography 500	Assignments
	1. Inventions and New Ideas
	2. Development of Power
	3. Technological Advancements
	4. Project: Conservation*
	5. Quiz 1
	6. Industrialization
	7. Power Struggles
	8. Quiz 2
	9. Immigration and Urbanization
10. Report: Biography	
11. Essay: Government Money*	
12. Quiz 3	
13. Special Project*	
14. Review Game	
15. Test	
16. Alternate Test*	
17. Reference	

Unit 6: United by Transportation and Communication	
History and Geography 500	Assignments
	1. Progress of Transportation in Early America
	2. Land Transportation
	3. Water Transportation
	4. Quiz 1
	5. Project: Family Travel*
	6. Steamboat and Rail Transportation
	7. Project: Tom Thumb*
	8. Progress of Transportation After 1800
	9. Air Transportation
10. Quiz 2	
11. Progress of Communication in America	
12. Printed and Postal Communication	
13. Electronic Communication	
14. Project: Skit*	
15. Modern Communication and the Government	
16. Report: Invention	
17. Quiz 3	
18. Special Project*	
19. Review Game	
20. Test	
21. Alternate Test*	
22. Reference	

Unit 7: The United States- One Nation With Many Regions	
History and Geography 500	Assignments
	1. The New England States
	2. The Middle Atlantic States
	3. The Southern States
	4. Report: State
	5. Quiz 1
	6. The Midwestern States-Part 1
	7. The Midwestern States-Part 2
	8. Project: Captain's Diary*
	9. Project: Atlas Work*
10. The Western States	
11. Quiz 2	
12. Alaska	
13. Hawaii and U.S. Island Possessions	
14. Quiz 3	
15. Special Project*	
16. Review Game	
17. Test	
18. Alternate Test*	
19. Reference	

Unit 8: Our Southern Neighbors	
History and Geography 500	Assignments
	1. Mexico: Contrasts in Geography
	2. Mexico: Contrasts in Cultures
	3. Mexico: Contrasts in Daily Life
	4. Quiz 1
	5. Essay: Influence*
	6. Central America: Contrasts in Geography
	7. Report: Continental Divide
	8. Central America: Contrasts in Culture
	9. Central America: Contrasts in Daily Life
10. Quiz 2	
11. Caribbean Islands	
12. Quiz 3	
13. Special Project*	
14. Review Game	
15. Test	
16. Alternate Test*	
17. Reference	

Unit 9: Canada- Our Northern Neighbor	
History and Geography 500	Assignments
	1. Giant of the North
2. Mosaic of People	
11. Spirit of Friendship	
12. Report: Hudson Bay Company	

	3. Project: Inuits*	13. Government and Unity
	4. Searchers of Gold, Glory, and Spices	14. Provinces of Canada
	5. Project: Play*	15. Quiz 3
	6. Quiz 1	16. Special Project*
	7. Glory of New France	17. Review Game
	8. A Century of Trial	18. Test
	9. Canadian Confederation	19. Alternate Test*
	10. Quiz 2	20. Reference

Unit 10: Review		
Assignments		
History and Geography 500	1. European Countries and Explorers	11. Quiz 3
	2. New World Colonies-Part 1	12. Mexico
	3. New World Colonies-Part 2	13. Central America, Caribbean Islands, Canada
	4. Quiz 1	14. Quiz 4
	5. War for Independence	15. Special Project*
	6. Expansion and More War	16. Review Game
	7. Quiz 2	17. Test
	8. Industrialization, Immigration, Urbanization	18. Alternate Test*
	9. Communication and World Leadership	19. Reference
	10. The United States	

History and Geography 600

History and Geography 600 continues the process of developing in students an understanding of and appreciation for God’s activity as seen in the record of man and his relationships. The course focuses on World History, with an emphasis on Western Europe. Specifically, it covers World History from ancient civilizations through the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the world in spatial terms (according to hemispheres, latitude and longitude, maps, and time zones).
- Understand how cultures differ in each of the hemispheres studied.
- Understand Western civilization from its beginnings to the end of the Renaissance.
- Understand the significant religious, cultural, and scientific events in Europe during the Renaissance.
- Identify cultural and geographic differences between the South American countries studied.
- Identify cultural and geographic differences between the African countries studied.
- Identify key causes, events, and leaders of the two World Wars.
- Understand the history, culture, and politics of Eastern European countries.

Additionally, students will gain practice in report-writing, covering topics like North American geography, the Crusades, the influence of the Renaissance, the Industrial Revolution, and more.

Unit 1: World Geography	
Assignments	
History and Geography 600	1. Course Overview
	2. Latitude and Longitude
	3. Time Zones and Maps
	4. Quiz 1
	5. Western Hemisphere: North America
	6. Project: North America
	7. Western Hemisphere: South America
	8. Quiz 2
	9. Eastern Hemisphere: Africa
	10. Eastern Hemisphere: Europe and Asia
	11. Quiz 3
	12. Southern Hemisphere: Australia and Antarctica
	13. Quiz 4
	14. World Cultures - Part 1
	15. Report: Latin America*
	16. World Cultures - Part 2
	17. World Cultures - Part 3
	18. Quiz 5
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

History and Geography 600	Unit 2: The Cradle of Civilization	
	Assignments	
	1. Mesopotamia: Fertile Crescent and Sumer	8. Egypt - The New Kingdom
	2. Mesopotamia: Babylonia and Assyria	9. Quiz 3
	3. Mesopotamia: Chaldea and Persia	10. Special Project*
	4. Quiz 1	11. Review Game
	5. Israel	12. Test
	6. Quiz 2	13. Alternate Test*
	7. Egypt - The Old Kingdom	14. Reference

History and Geography 600	Unit 3: The Civilizations of Greece And Rome	
	Assignments	
	1. The Civilization of Greece	8. Rome: Christianity, Contributions, Decline
	2. Greece: City-States	9. Quiz 2
	3. Greece: Wars	10. Special Project*
	4. Greece: Contributions	11. Review Game
	5. Quiz 1	12. Test
	6. The Civilization of Rome	13. Alternate Test*
	7. Rome: Power and Culture	14. Reference

History and Geography 600	Unit 4: Life in the Middle Ages	
	Assignments	
	1. The Feudal System	13. Project: Crusade Lessons
	2. Quiz 1	14. Quiz 5
	3. Daily Life	15. The Trade System
	4. Project: The Poor*	16. Quiz 6
	5. Project: Pollution*	17. The Cathedrals
	6. Quiz 2	18. Quiz 7
	7. Books and Schools	19. Special Project*
	8. Project: Scribe*	20. Review Game
	9. Quiz 3	21. Test
	10. Islam	22. Alternate Test*
	11. Quiz 4	23. Reference
	12. The Crusades	

History and Geography 600	Unit 5: Western Europe	
	Assignments	
	1. The Renaissance: Awakening in Learning	10. Report: World War I*
	2. Art, Architecture, and Exploration	11. Age of Unrest: World War II
	3. Religion and Other Fields	12. Quiz 3
	4. Essay: Renaissance Influence	13. Special Project*
	5. Quiz 1	14. Review Game
	6. The Industrial Revolution	15. Test
	7. Project: Industrial Revolution	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Age of Unrest: World War I	

History and Geography 600	Unit 6: Eastern Europe	
	Assignments	
	1. The Byzantine Empire	9. Communism/The Space Age
2. The Orthodox Church and Byzantine Art	10. Report: Country	

History and Geography 600	3. Quiz 1	11. Quiz 3
	4. North and Central Countries	12. Special Project*
	5. Balkan Countries	13. Review Game
	6. Quiz 2	14. Test
	7. Modern History: Communism	15. Alternate Test*
	8. Communism vs Democracy	16. Reference

Unit 7: Africa		
History and Geography 600	Assignments	
	1. Introduction and Northern Africa	9. Southern African Countries
	2. Northern Coastal and Inland Countries	10. Quiz 3
	3. Essay: Peace*	11. Special Project*
	4. Essay: Treatment of Others	12. Review Game
	5. Quiz 1	13. Test
	6. Central Africa and Western Countries	14. Alternate Test*
	7. Equatorial Countries	15. Reference
	8. Quiz 2	

Unit 8: Six South American Countries		
History and Geography 600	Assignments	
	1. Brazil: Geography	12. Venezuela: History, Today, and Tomorrow
	2. Brazil: People and History	13. Report: Petroleum*
	3. Brazil: Today and Tomorrow	14. Guyana, Suriname, and French Guiana
	4. Report: Special Times	15. Report: Guianas*
	5. Report: Brazil*	16. Quiz 3
	6. Quiz 1	17. Special Project*
	7. Colombia: Geography and People	18. Review Game
	8. Colombia: History, Today, and Tomorrow	19. Test
	9. Report: A Child in Colombia*	20. Alternate Test*
	10. Quiz 2	21. Reference
	11. Venezuela: Geography and People	

Unit 9: Seven South American Countries		
History and Geography 600	Assignments	
	1. Ecuador, Peru, and Bolivia: Geography	11. Report: Magellan*
	2. Ecuador, Peru, and Bolivia: People and History	12. Chile
	3. Ecuador, Peru, and Bolivia: Cities and Resources	13. Report: Chile*
	4. Report: Cities	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. Uruguay	16. Review Game
	7. Paraguay	17. Test
	8. Report: Paraguay and Uruguay*	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. Argentina	

Unit 10: Development of Our World	
Assignments	
History and Geography 600	1. Cradle of Civilization: Mesopotamia
	2. Cradle of Civilization: Egypt and Israel
	3. Quiz 1
	4. Empire of Greece
	5. Empire of Rome
	6. Dark Ages in the Middle Ages
	7. Quiz 2
	8. Western Europe
	9. Age of Unrest
	10. Eastern Europe
	11. Quiz 3
	12. Africa
	13. South America
	14. Quiz 4
	15. Special Project*
	16. Review Game
	17. Test
	18. Alternate Test*
	19. Reference

History and Geography 700

History and Geography 700 continues the process of developing in students an understanding of and appreciation for God’s activity as seen in the record of man and his relationships. The course surveys the social sciences, covering history, geography, anthropology, sociology, economics, and political science. These areas of focus target all five major content strands: History, Geography, Government and Citizenship, Economics, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the historical method.
- Understand the world in spatial terms (according to latitude and longitude, maps, time zones, and Daylight Saving Time).
- Locate and describe different topographical features of the world, such as plains, mountainous regions, rivers, and valleys.
- Locate and describe U.S. regions made up of various groups of states, such as the Northeast and the Midwest.
- Understand the meaning, methods, and goals of anthropology.
- Understand the meaning, methods, and goals of sociology.
- Understand the anthropology and sociology of the United States, especially of Native Americans.
- Know the characteristics of major economic systems—free enterprise and socialism—and the role that government plays in each one.
- Understand and describe contributions made to the area of political science by various political thinkers.
- Understand the structure and functions of American government and economics at the state level.

Additionally, students will gain practice in report-writing, covering topics like topographies of home states, underdeveloped nations, modern political issues, and more.

Unit 1: What is History?	
Assignments	
1. Course Overview	9. Quiz 2
2. The Definition of History	10. Two Views of History
3. Significance: Contributions	11. Quiz 3
4. Significance: Unity and Continuity	12. Special Project*
5. Significance: Conflicts	13. Test
6. Quiz 1	14. Alternate Test*
7. Characteristics of Historians	15. Reference
8. The Historical Method	

Unit 2: What is Geography?		
Assignments		
History and Geography 700	1. Classes of Geography	12. Quiz 2
	2. Shape and Movement of the Earth	13. Types of Projections
	3. Quiz 1	14. Places on Maps
	4. Relief: Plains and Hills	15. Time Changes and Location
	5. Relief: Mountains and Plateaus	16. Project: Local Map*
	6. Elevation*	17. Quiz 3
	7. Relief: Rivers, Valleys, Oceans, Seas	18. Special Project*
	8. Rivers*	19. Test
	9. The Journey West	20. Alternate Test*
	10. Essay: Geography Trip*	21. Reference
	11. Project: Landscape*	

Unit 3: The United States		
Assignments		
History and Geography 700	1. Geography: Part 1	9. West
	2. Geography: Part 2	10. Project: My Own State
	3. Early History	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. Northeast	13. Test
	6. South	14. Alternate Test*
	7. Quiz 2	15. Reference
	8. Midwest	

Unit 4: Anthropology - The Study of Mankind		
Assignments		
History and Geography 700	1. Understanding Anthropology	9. Seeking Protection
	2. Goals and Methods of Anthropology	10. Seeking Prosperity
	3. Fieldwork	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. Unity of Man	13. Test
	6. Diversity of Man	14. Alternate Test*
	7. Quiz 2	15. Reference
	8. Seeking Food	

Unit 5: Sociology - Man in Groups		
Assignments		
History and Geography 700	1. Introduction	7. Quiz 2
	2. Historical Development	8. Special Project*
	3. Social Groups/ Cultural Influence	9. Test
	4. Social Behavior	10. Alternate Test*
	5. Quiz 1	11. Reference
	6. Methods	

Unit 6: Anthropology and Sociology of the United States	
History and Geography 700	Assignments
	1. Native Americans
	2. Northeastern/ Southern Tribes
	3. Midwestern/ Western Tribes
	4. Other Cultural Groups
	5. Essay: Native American Culture
	6. Quiz 1
	7. Immigrants From Europe, Asia, and Africa
	8. Other Social Groups/ Religions
	9. Quiz 2
	10. United States as a Melting Pot
	11. Change in Society
	12. Quiz 3
	13. Special Project*
	14. Test
	15. Alternate Test*
16. Reference	

Unit 7: Economics - Resources and Needs	
History and Geography 700	Assignments
	1. Wants and Economic Systems
	2. Resources Available and Choice
	3. Report: Underdeveloped Country
	4. Quiz 1
	5. Market Mechanism
	6. Competition
	7. Role of Government and Money
	8. Quiz 2
	9. An Experiment in Economy
	10. Essay: Economics
	11. Quiz 3
	12. Special Project*
	13. Test
	14. Alternate Test*
15. Reference	

Unit 8: Political Science	
History and Geography 700	Assignments
	1. Areas of Political Science
	2. Ways of Knowing
	3. Quiz 1
	4. Contributions: Jewish and Greek Civilizations
	5. Essay: Greek Leader*
	6. Contributions: Christianity
	7. Report: Roman Leader
	8. Quiz 2
	9. Modern Political Thinkers
	10. Theory, Practice, and Models
	11. Essay: Western Political Thought
	12. Essay: Political News
	13. Quiz 3
	14. Special Project*
	15. Test
	16. Alternate Test*
17. Reference	

Unit 9: Economics and Politics of a State	
History and Geography 700	Assignments
	1. State Government
	2. Structure: Legislative
	3. Structure: Executive and Judicial
	4. Quiz 1
	5. State Finance: Spending and Taxing
	6. State Finance: Taxing and Borrowing
	7. Essay: Christian/Government
	8. Quiz 2
	9. Politics: Political Parties
	10. Politics: Viewpoints and Power
	11. Quiz 3
	12. Special Project*
	13. Test
	14. Alternate Test*
15. Reference	

Unit 10: Social Sciences Review	
History and Geography	Assignments
	1. Meaning of History/ Historical Method
	11. Quiz 2

2.	Geography of the Earth	12.	The Discipline of Economics
3.	Geography and Early History of the U.S.	13.	The Discipline of Political Science
4.	Quiz 1	14.	The State
5.	Anthropology	15.	Quiz 3
6.	Sociology	16.	Special Project*
7.	The Nature of Man	17.	Test
8.	The Culture of Man	18.	Alternate Test*
9.	Cultural Groups of the United States	19.	Reference
10.	Immigrants and Social Change		

History and Geography 800

History and Geography 800 continues the process of developing in students an understanding of and appreciation for God’s activity as seen in the record of man and his relationships. The course focuses on American History, covering the subject from early exploration through the present day, with special emphasis given to the Civil War and to inventions and technology of the 19th and early 20th centuries. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, Henry Hudson, Jacques Cartier, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to:
 - movement into the western frontier, and
 - conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in report-writing, covering topics like the thirteen colonies, the U.S. Constitution, the Civil War, inventors, and more.

Unit 1: European Backgrounds	
Assignments	
History and Geography 800	1. Course Overview
	2. Civilization Awakens from Darkness
	3. Exploration Catches Fire
	4. Quiz 1
	5. Spain Launches Forth
	6. The East Meets the West
	7. Spain’s Treasure Hunt
	8. Quiz 2
	9. Spain’s Rivals: English and Dutch Efforts
	10. The Dutch Claim New Land
	11. French Trading Interests
	12. Report: New World Explorers
	13. Quiz 3
	14. Special Project*
	15. Test
	16. Alternate Test*
	17. Reference

Unit 2: The Colonization of America		
Assignments		
History and Geography 800	1. Competition for Colonial Control	12. Development of Colonial Lifestyles
	2. New France's Southward Expansion	13. Life in a Puritan Community
	3. English Face Unknown Horizons	14. Middle Bread Colonies
	4. Dutch Trading Interests	15. Mid-Atlantic Lifestyles
	5. Quiz 1	16. Southern Plantations
	6. British Colonies: Jamestown	17. Plantation Living
	7. New England Colonies	18. Quiz 3
	8. Middle and Southern Colonies	19. Special Project*
	9. Colonial Governments	20. Test
	10. Report: Original Thirteen Colonies	21. Alternate Test*
	11. Quiz 2	22. Reference

Unit 3: War for Independence		
Assignments		
History and Geography 800	1. England's Colonial Politics	11. Progress of the War
	2. Discontent of the Indians	12. The Turning Point
	3. British Economy	13. Other Campaigns
	4. Acts of Dismay	14. Yorktown and the Treaty of Paris 1783
	5. Colonial Resistance	15. Report: Battle of Saratoga
	6. Quiz 1	16. Quiz 3
	7. Continental Congress	17. Special Project*
	8. Battles Which Led to War	18. Test
	9. Declaration of Independence	19. Alternate Test*
	10. Quiz 2	20. Reference

Unit 4: The Emergence of a Nation		
Assignments		
History and Geography 800	1. Thirteen Colonies Become a Free Nation	10. Quiz 2
	2. Report: Americans Working for Rights Today	11. The Growing Nation
	3. The Second Continental Congress	12. Formation of Political Parties
	4. Quiz 1	13. The Nation Suffers Growing Pains
	5. Establishing a Government	14. Americans Move Westward
	6. Report: The Articles of Confederation	15. Quiz 3
	7. The Constitutional Convention	16. Special Project H804D
	8. The United States Constitution	17. Test
	9. Report: Declaration of Independence and Constitution	18. Alternate Test
		19. Reference

Unit 5: The Westward Movement	
Assignments	
History and Geography 800	1. Industrial Revolution in the North
	2. Improved Transportation Systems
	3. Erie Canal and Railroads
	4. Improved Communication Systems
	5. The Effect of the Industrial Revolution in the South
	6. Report: American Inventors
	7. Quiz 1
	8. Development of Sectional Rivalries
	9. Missouri Compromise and the Election of 1824
	10. The Jacksonian Presidency
	11. Jacksonian Policies
	12. Quiz 2
	13. Development of Western Lands
	14. Texas Revolt
	15. The Oregon Question
	16. Mexican War
	17. California Gold Rush
	18. Quiz 3
	19. Special Project
	20. Test
	21. Alternate Test
	22. Reference

Unit 6: The Civil War	
Assignments	
History and Geography 800	1. Causes of the Civil War
	2. The Institution of Slavery
	3. Slavery Becomes an Issue
	4. Continued Problems with Slavery
	5. Events Leading to Secession and War
	6. Essay: Causes of the Civil War
	7. Quiz 1
	8. Preparation for War: The First Battle
	9. War Develops in the West
	10. Gettysburg and Vicksburg
	11. The Last Campaigns
	12. The Emancipation Proclamation
	13. Report: Civil War Report
	14. Quiz 2
	15. Reconstruction
	16. Johnson Versus Republican Radicals
	17. Radical Reconstruction
	18. Report: Reconstruction and Its Effects
	19. Quiz 3
	20. Special Project*
	21. Test
	22. Alternate Test*
	23. Reference

Unit 7: The Industrial Nation	
Assignments	
History and Geography 800	1. European Background of Industry
	2. Beginnings of Industry in England
	3. Industry in the Colonies
	4. Industry in the New Nation
	5. Quiz 1
	6. Early Industry in the United States
	7. War's Contribution to Industry
	8. Later Industrial Achievements
	9. Further Achievements: Power, Transportation, and Communication
	10. Report: Inventors and Inventions
	11. Quiz 2
	12. Influence of Industry: Growth of Corporations
	13. Labor Practices: The Advent of Unions
	14. Essay: Workers and Employers
	15. Crisis of the Individual
	16. Report: Achievements of the Industrial Revolution
	17. Quiz 3
	18. Special Project*
	19. Test
	20. Alternate Test*
	21. Reference

Unit 8: Twentieth Century World Power	
Assignments	
History and Geography 800	1. Overseas Expansion
	2. Spanish-American War
	3. World Awareness
	4. Panama Canal
	5. Quiz 1
	6. Causes of the First World War
	7. Military Movements
	8. War on the Continent
	9. Cost of Conflict
	10. Quiz 2
	11. Search for Peace
	12. Regaining Normalcy
	13. A Deceptive Prosperity
	14. Gradual Recovery
	15. Report: Presidents and World War I
	16. Quiz 3
	17. Special Project*
	18. Test
	19. Alternate Test*
	20. Reference

Unit 9: The United States in a Changing World	
Assignments	
History and Geography 800	1. Between the Wars: New Threats Emerge
	2. World War II Begins
	3. The United States Enters the War
	4. Allied Victory
	5. Quiz 1
	6. Allied Military Occupation
	7. Cold War in Europe
	8. Hot War in Asia
	9. Trouble Spots Around the World
	10. Quiz 2
	11. Vietnam
	12. Nixon, Ford, and Carter
	13. Reagan, Bush, and Clinton
	14. The United States in the Twenty-First Century
	15. Quiz 3
	16. Challenges Today: Technology
	17. Challenges Today: Society
	18. Challenges Today: Religion
	19. Quiz 4
	20. Special Project*
	21. Test
	22. Alternate Test*
	23. Reference

Unit 10: American History Review	
Assignments	
History and Geography 800	1. America's European Background
	2. American Colonization
	3. American Revolution
	4. Quiz 1
	5. Establishment of Government
	6. The Growth of the United States
	7. Development of Sectional Rivalries
	8. Settlement of Western Lands
	9. Civil War and Reconstruction
	10. Quiz 2
	11. Vietnam
	12. The United States as a World Power
	13. World War I
	14. Normalcy and Depression
	15. World War II
	16. The United Nations and the Cold War
	17. Quiz 3
	18. Special Project*
	19. Test
	20. Alternate Test*
	21. Reference
	23. Reference

World Geography

World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions. They will study the history of each region and examine the political, economic, and cultural characteristics of the world in which we live. Students will also learn about the tools and technologies of geography such as globes, maps, charts, and global information systems.

Upon completion of the course, students should be able to do the following:

- Select and use geographic tools to get information and make predictions.
- Compare places based upon their similarities and differences.
- Identify geographic factors that influenced historic events.
- Evaluate the interrelatedness and interdependence of physical and human systems and their impact on our earth.
- Analyze the role played by culture in the spatial organization of the earth.
- Define the key geographic concerns facing the world and strategize methods to deal with these issues in the future.

Students will also gain practice in writing and note-taking. They will be asked to create graphic organizers, conduct research, analyze information, and write essays on topics such as current events, energy resources, national parks, and more.

Unit 1: Introduction to Geography	
Assignments	
World Geography	1. Course Overview
	2. What Is Geography?
	3. Project: Note It!*
	4. Geographic Tools: Globes and Maps
	5. Geographic Tools: Graphs, Charts, and More
	6. Quiz 1: Introduction to Geography
	7. Geographic Themes: Location and Place
	8. Geographic Themes: Human-Environmental Interaction and Movement
	9. Geographic Themes: Regions
	10. Project: Summarize It!
	11. Quiz 2: Geographic Themes
	12. Physical Characteristics
	13. Physical Processes: The Atmosphere and the Hydrosphere
	14. Physical Processes: The Lithosphere and the Biosphere
	15. Ecosystems
	16. Project: Map It!*
	17. Quiz 3: Our Earth
	18. Special Project*
	19. Review
	20. Test
	21. Alternate Test*
	22. Glossary and Credits

Unit 2: Human Geography		
Assignments		
World Geography	1. Where People Live	10. Historical Perspectives
	2. Settlement and Movement	11. Project: Analyze It!
	3. Quiz 1: Where We Live	12. Quiz 3: Interactions
	4. Cultural Mosaics	13. Special Project*
	5. Economics	14. Review
	6. Conflict and Cooperation	15. Test
	7. Quiz 2: Why Do People Live Where They Do?	16. Alternate Test*
	8. Humans and Their Environment - Part 1	17. Glossary and Credits
	9. Humans and Their Environment - Part 2	

Unit 3: North America		
Assignments		
World Geography	1. North America in Spatial Terms	11. Environment and Society
	2. The United States: The Northeast and the South	12. Historical Perspectives
	3. The United States: The Midwest and the West	13. Project: Analyze It!
	4. Canada and Greenland	14. Quiz 3: Uses of Geography
	5. Mexico	15. Special Project*
	6. Quiz 1: Physical Geography	16. Review
	7. Settlement and Movement	17. Test
	8. Culture	18. Alternate Test*
	9. Economics and Politics	19. Glossary and Credits
	10. Quiz 2: Human Geography	

Unit 4: Central America, South America, and the Caribbean		
Assignments		
World Geography	1. Central America	10. Historical Perspectives
	2. South America	11. Project: Consider It!
	3. The Caribbean	12. Looking Ahead
	4. Quiz 1: Physical Geography	13. Quiz 3: Uses of Geography
	5. Settlement and Movement	14. Special Project*
	6. Culture	15. Review
	7. Economics and Politics	16. Test
	8. Quiz 2: Human Geography	17. Alternate Test*
	9. Environment and Society	18. Glossary and Credits

Unit 5: Oceania, Australasia, and Antarctica		
Assignments		
World Geography	1. Oceania, Australasia, and Antarctica in Spatial Terms	10. Environment and Society
	2. Micronesia, Melanesia, and Polynesia	11. Historical Perspectives
	3. Australia and New Zealand	12. Project: Analyze It!*
	4. Antarctica	13. Quiz 3: Uses of Geography
	5. Quiz 1: Physical Geography	14. Special Project*
	6. Settlement and Movement	15. Review
	7. Culture	16. Test
	8. Economics and Politics	17. Alternate Test*
	9. Quiz 2: Human Geography	18. Glossary and Credits

Unit 6: Semester Review and Exam	
WG	Assignments
	1. Review
	2. Exam
	3. Alternate Exam – Form A*
	4. Alternate Exam – Form B*

Unit 7: Western Europe	
World Geography	Assignments
	1. Northern Region
	2. Western Central Region
	3. Southern Region
	4. Quiz 1: Physical Geography
	5. Settlement and Movement
	6. Culture
	7. Economics and Politics
	8. Project: Chart It!
	9. Quiz 2: Human Geography
	10. Environment and Society
	11. Historical Perspectives
	12. Quiz 3: Uses of Geography
	13. Special Project*
	14. Review
	15. Test
	16. Alternate Test*
17. Glossary and Credits	

Unit 8: Eastern Europe and Russia	
World Geography	Assignments
	1. Central Region
	2. Balkan Region
	3. Eastern Region
	4. Quiz 1: Physical Geography
	5. Settlement and Movement
	6. Culture
	7. Economics and Politics
	8. Quiz 2: Human Geography
	9. Environment and Society
	10. Historical Perspectives
	11. Project: Report It!
	12. Quiz 3: Uses of Geography
	13. Special Project*
	14. Review
	15. Test
	16. Alternate Test*
17. Glossary and Credits	

Unit 9: Sub-Saharan Africa	
World Geography	Assignments
	1. Sub-Saharan Africa in Spatial Terms
	2. West and Central Africa
	3. East and Southern Africa
	4. Quiz 1: Physical Geography
	5. Settlement and Movement
	6. Culture
	7. Economics and Politics
	8. Quiz 2: Human Geography
	9. Environment and Society
	10. Historical Perspectives
	11. Quiz 3: Uses of Geography
	12. Project: Solve It!
	13. Special Project*
	14. Review
	15. Test
	16. Alternate Test*
17. Glossary and Credits	

Unit 10: North Africa and Southwest Asia		
Assignments		
World Geography	1. North Africa	10. Historical Perspectives
	2. Southwest Asia: The Middle East	11. Project: Evaluate It!
	3. Southwest Asia: The Arabian Peninsula	12. Quiz 3: Uses of Geography
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Quiz 2: Human Geography	17. Glossary and Credits
	9. Environment and Society	

Unit 11: Central, South, East, and Southeast Asia		
Assignments		
World Geography	1. Central Asia	11. Environment: South and Southeast Asia
	2. South Asia	12. Environment: East Asia
	3. East Asia	13. Project: Analyze It!
	4. Southeast Asia	14. Quiz 3: Uses of Geography
	5. Quiz 1: Physical Geography	15. Special Project*
	6. Historical Perspectives: South and Southeast Asia	16. Review
	7. Historical Perspectives: East Asia	17. Test
	8. Culture	18. Alternate Test*
	9. Quiz 2: Human Geography	19. Glossary and Credits
	10. Economics and Politics	

Unit 12: Semester Review and Exam		
Assignments		
WG	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form A*

Unit 12: Final Exam		
Assignments		
WG	1. Exam	3. Alternate Exam – Form B*
	2. Alternate Exam – Form A*	

World History

World History continues the process of developing in students an understanding of and appreciation for God’s activity as seen in the record of man and his relationships. With an emphasis on Western Europe, the course surveys ancient civilizations to the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand Western civilization from its beginnings to the present day.
- Understand the significant political and economic transformations and significant cultural and scientific events in Europe during the Renaissance.
- Understand significant religious and societal issues from the Renaissance through the Reformation.
- Understand the significant social and political developments in Europe and America brought on by the English, American, and French Revolutions.
- Understand the effects of the Industrial Revolution.
- Analyze major historical and political events of the 20th century, including the two World Wars, the Cold War, and the Vietnam War.

Additionally, students will gain practice in report-writing, covering topics like the rise of Christianity, the U.S. Constitution, communism versus free enterprise, the United Nations, and more.

Unit 1: Ancient Civilizations I	
Assignments	
World History	1. Course Overview
	2. Elements of Civilization
	3. Origin of Man
	4. Fall of Man and Flood From God
	5. Origin of Civilization
	6. Origin of Nations
	7. Quiz 1: Meaning and Origin of Civilization
	8. Early Egyptian Geography and History
	9. Early Egyptian Empire
	10. Early Egyptian Civilization
	11. Quiz 2: Early Egyptian Civilization
	12. Babylonian and Assyrian Civilization
	13. Assyrian History
	14. Neo-Babylonian Empire
	15. Quiz 3: Assyrian and Babylonian Civilizations
	16. Persian Civilization
	17. Quiz 4: Ancient Civilizations
	18. Special Project*
	19. Test: Ancient Civilizations I
	20. Alternate Test: Ancient Civilizations I*
	21. Glossary and Credits

Unit 2: Ancient Civilizations II		
Assignments		
World History	1. The Eastern World: India	11. Rome: The Empire
	2. The Eastern World: China	12. Rome: Decline of the Empire
	3. Quiz 1: India and China	13. Christianity and the Roman Empire
	4. Greece: Geography and History	14. Report: The Rise of Christianity
	5. Greece: Dark Ages	15. Quiz 3: The Roman Empire
	6. Greece: 550-405 B.C.	16. Special Project*
	7. Greece: 359-31 B.C.	17. Test: Ancient Civilizations II
	8. Greece: Culture	18. Alternate Test: Ancient Civilizations II*
	9. Quiz 2: The Greek Civilization	19. Glossary and Credits
	10. Rome: Pre-Republic and Republic	

Unit 3: The Medieval World		
Assignments		
World History	1. The Middle Ages: An Introduction	8. High Middle Ages: Monarchies and the Church
	2. Early Middle Ages	9. High Middle Ages: The Byzantine Empire and Other World Powers
	3. Quiz 1: The Early Middle Ages	10. Quiz 3: The High Middle Ages
	4. Transition: The Continent and New Invasions	11. Special Project*
	5. Transition: England, the Church, and the Growth of Islam	12. Test: The Medieval World
	6. Quiz 2: The Middle Ages in Transition	13. Alternate Test: The Medieval World*
	7. High Middle Ages: Setting	14. Glossary and Credits

Unit 4: Renaissance and Reformation		
Assignments		
World History	1. Renaissance Government: France and England	10. England: Mary I and Elizabeth I
	2. Renaissance Government: Italy and Spain	11. Reform Within the Catholic Church
	3. Developments in Art	12. Wars of Religion
	4. Changes in Literature and Thought	13. Quiz 2: The Reformation
	5. Advances in Science	14. Special Project*
	6. Quiz 1: The Renaissance	15. Test: Renaissance and Reformation
	7. The Reformation: Wycliffe, Huss, and Luther	16. Alternate Test: Renaissance and Reformation*
	8. The Reformation: Zwingli, Grebel, Calvin, and Knox	17. Glossary and Credits
	9. England: Henry VIII and Edward VI	

Unit 5: Growth of World Empires		
Assignments		
World History	1. Absolutism in England: 16-17th Centuries	11. Austria, Germany, and Italy
	2. Absolutism in England: 17th Century	12. Report: Prussia*
	3. Absolutism in France	13. The Ottoman Empire
	4. Report: Versailles	14. Quiz 3: Austria, Germany, Italy, and the Ottoman Empire
	5. English Mercantilism	15. Special Project*
	6. French Mercantilism and Colonial Rivalry	16. Test: Growth of World Empires
	7. Quiz 1: England and France	17. Alternate Test: Growth of World Empires*
	8. Portugal	18. Glossary and Credits
	9. Spain	
	10. Quiz 2: Portugal and Spain	

Unit 6: The Age of Revolution		
Assignments		
World History	1. English Revolution: Divine Right (Cavaliers)	11. French Revolution: Old Regime
	2. English Revolution: Divine Right (Roundheads)	12. French Revolution: New Leadership
	3. English Revolution: People's Choice	13. Report: Napoleon*
	4. Quiz 1: English Revolution	14. Report: Napoleon and Modern Society
	5. American Revolution: British Background	15. Quiz 3: French Revolution
	6. Report: Boston Tea Party*	16. Special Project*
	7. American Revolution: American Frontier	17. Test: The Age of Revolution
	8. Report: 1770s Colonist*	18. Alternate Test: The Age of Revolution*
	9. Report: Constitution	19. Glossary and Credits
	10. Quiz 2: American Revolution	

Unit 7: The Industrial Revolution		
Assignments		
World History	1. England: Sparks of Preparation	9. Social Changes: Positive Contributions
	2. England: Fires of Continuation	10. Report: Socialism or Free Enterprise
	3. Quiz 1: Industrial Revolution in England	11. Quiz 3: Social Changes of the Industrial Revolution
	4. United States: Industrial Climate	12. Special Project*
	5. United States: Industrial Progress	13. Test: The Industrial Revolution
	6. Report: Industrial Revolution Biography	14. Alternate Test: The Industrial Revolution*
	7. Quiz 2: Industrial Revolution in the United States	15. Glossary and Credits
	8. Social Changes: Negative Drawbacks	

Unit 8: Two World Wars		
Assignments		
World History	1. World War I: Mounting Tensions	13. World War II: Battle Fronts
	2. World War I: Erupting Conflicts	14. Report: Allied Battle Strategy
	3. World War I: Counter-Aggression	15. World War II: Battles in the Pacific
	4. Quiz 1: World War I	16. Peace Efforts
	5. The Russian Revolution: 1905	17. Unification
	6. The Russian Revolution: 1917	18. Report: Twentieth Century
	7. Peace Initiative	19. Quiz 3: World War II
	8. Post-War Attitudes	20. Special Project*
	9. Report: Comfort in the Depression*	21. Test: A Revolution and Two World Wars
	10. Power Quests	22. Alternate Test: A Revolution and Two World Wars*
	11. Military Aggression	23. Glossary and Credits
	12. Quiz 2: Between the Wars	

Unit 9: The Contemporary World	
Assignments	
World History	1. Origins of the Cold War
	2. United Nations and the Marshall Plan
	3. Report: The United Nations
	4. The Course of the Cold War
	5. The Vietnam War and Invasions
	6. The End of the Cold War
	7. Report: The Cold War
	8. Quiz 1: The Cold War
	9. North America
	10. Central America and the Caribbean Islands
	11. Report: Central American Governments*
	12. South America
	13. Quiz 2: The Western Hemisphere Today
	14. Europe
	15. Africa
	16. Asia
	17. The Far East and Australia
	18. Quiz 3: The Eastern Hemisphere Today
	19. Special Project*
	20. Test: The Contemporary World
	21. Alternate Test: The Contemporary World*
	22. Glossary and Credits

Unit 10: Ancient Times to the Present	
Assignments	
World History	1. Ancient Civilizations
	2. Greeks, Romans, and Other Ancient Cultures
	3. Medieval Times: Invasions and Feudalism
	4. Medieval Culture and the Church
	5. Quiz 1: Ancient Civilizations and Medieval Times
	6. Politics of the Renaissance
	7. Art and Sciences of the Renaissance
	8. The Reformation
	9. Absolutism
	10. Exploration
	11. Quiz 2: The Renaissance and Reformation
	12. The Modern World: Revolutions
	13. The Industrial Revolution
	14. Two World Wars and Attempts at Peace
	15. Current Events
	16. Quiz 3: The Modern World
	17. Special Project*
	18. Test: Ancient Times to the Present
	19. Alternate Test: Ancient Times to the Present*
	20. Glossary and Credits

American History

American History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course covers early American exploration to the present day, placing special emphasis on the politics of the 18th and early 19th centuries and the Civil War. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution.
- Explain how political, economic, and social changes in the U.S. led to conflict among sections of the United States in the 19th century.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in writing essays and reports, covering topics like the Monroe Doctrine, the states' rights debate, the Lincoln-Douglas debates, isolationism, the New Deal, the Korean conflict, and more.

Unit 1: Foundations of the American Republic		
Assignments		
American History	1. Course Overview	10. The Middle Colonies
	2. Revival of Trade and Commerce	11. The Southern Colonies
	3. New Ideas and Religious Changes	12. Growth of the Colonies
	4. Quiz 1: Foundation of the American Republic	13. Quiz 3: Middle and Southern Colonies
	5. Colonization Begins in the New World	14. Special Project*
	6. Project: Jamestown*	15. Test
	7. Puritan Background and Plymouth Settlement	16. Alternate Test*
	8. Puritan Migration and the Settlement of New England	17. Reference
	9. Quiz 2: Colonization Begins	

Unit 2: Development of Constitutional Government		
Assignments		
American History	1. Relations with England	10. Articles of Confederation
	2. French and Indian War	11. Constitution of the United States
	3. Colonial Resistance	12. Essay: Constitutional Republic
	4. Quiz 1: Relations with England	13. Quiz 3: Birth of a Nation
	5. Second Continental Congress	14. Special Project*
	6. Opposition and Aid	15. Test
	7. War in the South and West	16. Alternate Test*
	8. Quiz 2: The Revolutionary War	17. Reference
	9. Birth of a Nation	

Unit 3: National Expansion		
Assignments		
American History	1. Federal Government	9. Essay: Foreign Policy
	2. First Political Parties	10. Sectionalism and the Jackson Administration

3. Essay: Responsibilities*	11. Essay: Missouri Compromise*
4. Quiz 1: Ship of State	12. Quiz 3: Nationalism and Sectionalism
5. The Revolution of 1800	13. Special Project*
6. The War of 1812	14. Test
7. Quiz 2: Revolution of 1800 and War of 1812	15. Alternate Test*
8. Nationalism and the Monroe Administration	16. Reference

Unit 4: A Nation Divided		
Assignments		
American History	1. The Emergence of Sectionalism	10. The Politics of Slavery
	2. Project: Leaders of the States' Rights Debate	11. Essay: Escaped Slave*
	3. The Division of Land	12. Report: Slave Codes
	4. The Establishment of New Territory	13. Quiz 2: The Emergence of Slavery
	5. The Division of the People	14. Special Project*
	6. Essay: Lincoln/Douglas Debates	15. Test
	7. Quiz 1: The Emergence of Sectionalism	16. Alternate Test*
	8. The Emergence of Slavery	17. Reference
	9. Essay: Free-born Residents*	

Unit 5: A Nation Divided and United		
Assignments		
American History	1. Regional Lifestyles: The East and West	9. Reconstruction
	2. Regional Lifestyles: The South	10. Report: Reconstruction Scandals
	3. Quiz 1: Regional Lifestyles	11. Quiz 3: Reconstruction
	4. Civil War: Division and Antagonism	12. Special Project*
	5. Essay: The Trent Affair	13. Test
	6. Civil War: Union Blockade and Hostilities	14. Alternate Test*
	7. The Civil War: Final Phase	15. Reference
	8. Quiz 2: Civil War	

Unit 6: United States Involvement at Home and Abroad		
Assignments		
American History	1. U.S. Industry: Birth and Growth	10. Essay: Isolation and Involvement
	2. U.S. Industry: Economic Expansion	11. Quiz 3: Foreign Policy
	3. Quiz 1: Industrial Growth in the United States	12. March Toward Conflict: Causes
	4. Industrial Lifestyle: Trends	13. March Toward Conflict: Factions
	5. Industrial Lifestyle: Labor Movement	14. Quiz 4: March Toward Conflict
	6. Quiz 2: Industrial Lifestyle	15. Special Project*
	7. Foreign Policy: Isolationism	16. Test
	8. Essay: Seward's Proposal	17. Alternate Test*
	9. Foreign Policy: International Realism	18. Reference

Unit 7: The Search for Peace	
Assignments	
American History	1. The First Global Conflict
	2. A Plan For Peace
	3. Report: A Just Peace*
	4. Quiz 1: The Great War and Its Aftermath
	5. The Golden Twenties
	6. Quiz 2: The Golden Twenties
	7. The Great Depression
	8. Essay: Foreign Policy
	9. Quiz 3: The Great Depression
	10. The New Deal
	11. Essay: New Deal*
	12. Quiz 4: The New Deal
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 8: A Nation at War	
Assignments	
American History	1. World War II: Causes of the War
	2. World War II: Theaters of Operation
	3. Quiz 1: World War II
	4. Communist Threat: World Unrest
	5. Korean Conflict: The Cold War Becomes Hot
	6. Report: Containment Policy
	7. Quiz 2: Korean Conflict
	8. Vietnam: Fighting Communism in S.E. Asia
	9. Vietnam: Withdrawal by the United States
	10. Report: Biography*
	11. Quiz 3: Vietnam Conflict
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

Unit 9: Contemporary America	
Assignments	
American History	1. America in the 1960s: Part 1
	2. Report: Kennedy Assassination
	3. Report: I Have a Dream*
	4. America in the 1960s: Part 2
	5. The International Scene of the 1960s
	6. Quiz 1: America in the 1960s
	7. America in the 1970s: Part 1
	8. America in the 1970s: Part 2
	9. The International Scene of the 1970s
	10. Quiz 2: America in the 1970s
	11. America in the 1980s and 1990s: Part 1
	12. America in the 1980s and 1990s: Part 2
	13. America in a New Century
	14. Quiz 3: America in the 1980s and 1990s
	15. The International Scene - 1980-Present: Part 1
	16. The International Scene - 1980-Present: Part 2
	17. Our Nation Saw Evil. . .
	18. America's Department of Homeland Security*
	19. Report: Department of Homeland Security*
	20. Terrorism Has a Name: Bin Laden
	21. Quiz 4: The International Scene 1980-1995
	22. Special Project*
	23. Test
	24. Alternate Test*
	25. Reference

Unit 10: United States History Review	
Assignments	
American History	1. Changes in Europe
	2. Early Colonization
	3. Quiz 1: Europe and the American Colonies
	4. Rising Tensions in the Colonies
	5. Second Continental Congress
	6. Colonial Government
	7. Quiz 2: The American Revolution
	8. United States of the 1800s
	9. Jackson Era
	10. Report: Regional Lifestyles
	11. Report: Sectionalism and Slavery*
	12. Civil War
	13. Reconstruction of the South
	14. Quiz 3: United States of the 1800's
	15. Industrialization of the United States
16. Essay: Roosevelt's New Deal	
17. World War I	
18. Quiz 4: Industrialization of the United States	
19. The United States: From World War II to Vietnam	
20. Essay: Vietnam War*	
21. From John F. Kennedy to Gerald R. Ford	
22. Essay: President Kennedy	
23. From Jimmy Carter to George W. Bush	
24. Quiz 5: Current History of the United States	
25. The '80s and Beyond	
26. Quiz 6: The 80s and 90s	
27. Special Project*	
28. Test	
29. Alternate Test*	
30. Reference	

Government and Economics

Government and Economics continues the process of developing in students an understanding of and appreciation for God’s activity as seen in the record of man and his relationships. The course focuses on two major areas: Government, with special emphasis on American government, and Economics, with special emphasis on personal finance. These areas of focus target three major content strands: History, Government and Citizenship, and Economics.

Upon completion of the course, students should be able to do the following:

- Understand the basics of various philosophies of government.
- Understand the structure and functions of government and how the principles and values of American democracy (e.g., limited government and popular sovereignty) are reflected in American constitutional government.
- Understand how the overall design, as well as specific features of the U.S. Constitution prevent the abuse of power by using a system of checks and balances (e.g., federalism).
- Understand the role of political parties, the media, and the public on the political process.
- Know the characteristics of different economic systems (e.g., capitalism, mixed economy, communism).
- Understand basic terms associated with economic performance and the state of the economy (e.g., supply and demand, inflation, monopoly).

Additionally, students will gain practice in writing essays and reports, covering topics like elected officials, the Supreme Court, Christians in politics, on-line banking, the euro, and more.

Unit 1: International Governments	
Government and Economics	Assignments
	1. Course Overview
	2. Why Have Governments?
	3. Types of Governments
	4. A List of Government Terms
	5. Quiz 1: Government
	6. Presidential Governments
	7. Parliamentary Governments
	8. Quiz 2: Forms of Government
	9. One-Party and Multiparty Governments
	10. Aquinas, Aristotle, and Engels
	11. Machiavelli, Marx, and Milton
	12. Report: Governmental Officials
	13. Quiz 3: Political Thinkers
	14. Special Project*
	15. Test
	16. Alternate Test*
17. Reference	

Unit 2: United States Government	
Government and Economics	Assignments
	1. United States Constitution
	2. The Bill of Rights
	3. States' Rights and Responsibilities
	4. Quiz 1: United States Government
	5. Executive Branch
	6. Judicial Branch
	7. Report: Supreme Court
	8. Legislative Branch
	9. Quiz 2: Branches of Government
	10. How a Bill Becomes Law: Part 1
	11. How a Bill becomes Law: Part 2
	12. Quiz 3: How a Bill Becomes Law
	13. Special Project*
	14. Test
	15. Alternate Test*
16. Reference	

Unit 3: The American Party System	
Government	Assignments

	1. The American Party System	9. Quiz 2: Political Parties
	2. Development of American Political Parties	10. Making Voting More Effective
	3. Republican and Third Parties	11. Voting in Elections
	4. Report: The American Party System	12. Quiz 3: Voting
	5. Quiz 1: The American Party System	13. Special Project*
	6. How Do You Form a Political Party?	14. Test
	7. Organization of a Political Party	15. Alternate Test*
	8. Nominations and Elections	16. Reference

Government and Economics	Unit 4: History of Governments	
	Assignments	
	1. A Primitive Government Primer	9. Quiz 2: Feudalism, Theocracy, and Democracy
	2. Beginning of Democracy: Ancient Greece	10. Fascism
	3. Ancient Roman Government	11. Nazism
	4. Quiz 1: A Primitive Government Primer	12. Quiz 3: Fascism and Nazism
	5. Feudalism	13. Special Project*
	6. Report: Feudalism	14. Test
	7. Theocracy	15. Alternate Test*
	8. Democracy	16. Reference

Government and Economics	Unit 5: The Christian and His Government	
	Assignments	
	1. The Christian and American Government	9. The Good and the Bad of Propaganda
	2. Discrimination and the Christian	10. Quiz 3: Involvement in Politics and the Community
	3. Christian Attitudes in American Society	11. Report: The Christian and His Government
	4. Quiz 1: The Christian and Government	12. Special Project*
	5. The Christian and Public Opinion	13. Test
	6. The Christian and Media	14. Alternate Test*
	7. Quiz 2: Christian Attitudes and Public Polls	15. Reference
	8. Can I Get Involved in Politics?	

Government and Economics	Unit 6: Free Enterprise	
	Assignments	
	1. Economics	9. International Finance
	2. Economic Terms	10. U.S. Currency in History
	3. How Does an Economy Grow?	11. Quiz 3: Currency and Reserves
	4. Quiz 1: Economics	12. Special Project*
	5. A Guide to Learning World Financial Terms	13. Test
	6. Unions and Labor	14. Alternate Test*
	7. Money: Its Use Through History	15. Reference
	8. Quiz 2: Finance and Labor	

Government and Economics	Unit 7: Business and You	
	Assignments	
	1. Running a Business	9. Bankruptcy
	2. Caveat Emptor	10. Quiz 3: Business Concerns - Deregulation and Bankruptcy
	3. Government and Business	11. Report: Business and You
	4. Quiz 1: Business and the Consumer	12. Special Project*
	5. Federal Reserve System	

6. Monopolies	13. Test
7. Quiz 2: Business and You	14. Alternate Test*
8. Deregulation	15. Reference

Government and Economics	Unit 8: The Stock Market	
	Assignments	
	1. The Stock Market: How It Started	9. Tracking Stocks in the Newspaper
	2. The Stock Market: How It Works	10. Quiz 3: Types of Stocks
	3. Selling, Buying, and Brokers	11. Report: Stock Market Investing
	4. Quiz 1: The Stock Market	12. Special Project*
	5. Selecting Stocks	13. Test
	6. What Causes the Stock Market to Crash?	14. Alternate Test*
	7. Quiz 2: Selecting Stocks	15. Reference
	8. Types of Stocks	

Government and Economics	Unit 9: Budget and Finance	
	Assignments	
	1. Your Personal Finances	8. Quiz 2: Savings and Loans and Credit Unions
	2. Spend Your Money Wisely	9. Report: Banking
	3. Checking Accounts	10. Special Project*
	4. College Grants and Loans	11. Test
	5. Quiz 1: Your Personal Finances	12. Alternate Test*
	6. IRA Accounts	13. Reference
	7. Buying a Car	

Government and Economics	Unit 11: International Issues	
	Assignments	
	1. World of the Euro	9. Close Trading Partners
	2. Report: The Euro and Its Impact	10. The Holy Land and Current Issues
	3. Centers of International Finance	11. Christian Heroes and Their Lands
	4. Quiz 1: Euro and International Finance	12. Report: Israel
	5. The Global Traveler	13. Quiz 3: Neighbors, Heroes, and the Holy Land
	6. U.S. States and Capital Cities (1)	14. Special Project*
	7. U.S. States and Capital Cities (2)	15. Test
	8. Quiz 2: U.S States, Capital Cities, and the Global Traveler	16. Alternate Test*
	17. Reference	

English Language Arts

Language Arts 300

Language Arts 300 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Understand and recognize rules for capitalization and vowels, as well as identifying a main idea.
- **Unit 2:** Write complete sentences with proper capitalization and organize words into alphabetical order.
- **Unit 3:** Apply understanding of dictionary use, identifying word parts, and defining vocabulary.
- **Unit 4:** Differentiate parts of speech, irregular vowel sounds, as well as practicing reading comprehension strategies.
- **Unit 5:** Use commas properly and recognize words with silent letters.
- **Unit 6:** Identify cause and effect in a passage, recognize homographs, and read and understand Haiku poetry.
- **Unit 7:** Use suffixes and pronouns to improve writing such as friendly letters, as well as applying strategies for following directions.
- **Unit 8:** Read and describe parts of a play and recognize root words and adjectives that compare.
- **Unit 9:** Apply reading strategies of classifying, references, and predictions, as well as write thank-you letters.

Unit 1: Vowels, Main Idea, Capitalization	
Assignments	
Language Arts 300	1. Course Overview
	2. Language Arts Symbols
	3. Spelling with Short Vowels
	4. Quiz 1
	5. Spelling Quiz 1
	6. Reading to Find the Main Idea
	7. Project: Book Report*
	8. Project: Learning a New Language*
	9. Spelling with Short Vowels
	10. Quiz 2
	11. Spelling Quiz 2
	12. Grammar: Complete Sentences; Capitalization
	13. Quiz 3
	14. Grammar: Punctuation
	15. Spelling with Silent Letters
	16. Quiz 4
	17. Spelling Quiz 3
	18. Special Project*
	19. Review Game
	20. Test
	21. Alternate Test*
	22. Reference

Unit 2: Sentences, Capitalization, ABC Order		
Assignments		
Language Arts 300	1. Grammar: Sentence Sense; Capital Letters (1)	13. Quiz 3
	2. Project: Book Report—Poetry*	14. Spelling Quiz 3
	3. Spelling with Long Vowels	15. Spelling with Vowel Pairs
	4. Quiz 1	16. Writing a Story
	5. Spelling Quiz 1	17. Quiz 4
	6. Grammar: Capital Letters (2)	18. Spelling Quiz 4
	7. Reading Comprehension	19. Special Project*
	8. Spelling Words That Sound or Look Alike	20. Review Game
	9. Quiz 2	21. Test
	10. Spelling Quiz 2	22. Alternate Test*
	11. Grammar: Alphabetical Order	23. Reference
	12. Spelling with Silent E	

Unit 3: Dictionary Skills, Word Parts, Vocabulary		
Assignments		
Language Arts 300	1. Grammar: Using the Dictionary	15. Spelling Antonym Pairs
	2. Project: Making Your Own Dictionary*	16. Quiz 3
	3. Grammar: Capital Letters (1)	17. Spelling Quiz 3
	4. Spelling with r-Controlled Vowels	18. Grammar: Capital Letters (2)
	5. Quiz 1	19. Grammar: Synonyms
	6. Spelling Quiz 1	20. Project: Writing a Story about Pets*
	7. Grammar: Word Parts (1)	21. Spelling with or
	8. Grammar: Word Parts (2)	22. Quiz 4
	9. Spelling with ar	23. Spelling Quiz Four
	10. Quiz 2	24. Special Project*
	11. Spelling Quiz 2	25. Review Game
	12. Grammar: Antonyms	26. Test
	13. Reading: Vocabulary	27. Alternate Test*
	14. Project: Book Report--Folk Tales*	28. Reference

Unit 4: Parts Of Speech, Irregular Vowels, Comprehension		
Assignments		
Language Arts 300	1. Grammar: Nouns	14. Quiz 3
	2. Grammar: Adjectives	15. Grammar: Reviewing Words and Word Parts
	3. Spelling Words with Irregular Vowel Sounds	16. Reading: A Big Surprise
	4. Quiz 1	17. Project: Gideon Today
	5. Spelling Quiz 1	18. Project: Book Report: Biography*
	6. Grammar: Verbs	19. Spelling with y as a Vowel
	7. Grammar: Adverbs	20. Quiz 4
	8. Spelling with w-controlled Vowels	21. Spelling Quiz 3
	9. Quiz 2	22. Special Project*
	10. Spelling Quiz 2	23. Review Game
	11. Grammar: Punctuation Marks	24. Test
	12. Grammar: Using Capital Letters	25. Alternate Test*
	13. Grammar: Using the Dictionary	26. Reference

Unit 5: Reading to Understand, Commas, Silent Letters	
Assignments	
Language Arts 300	1. Reading (1)
	2. Grammar: Review
	3. Project: Vowels*
	4. Spelling with Different Vowel Sounds
	5. Quiz 1
	6. Spelling Quiz 1
	7. Reading: Comprehension
	8. Reading: Story Elements
	9. Project: Book Report--Animal Stories*
	10. Spelling with Silent gh
	11. Quiz 2
	12. Spelling Quiz 2
	13. Grammar: Reviewing Capital Letters
	14. Grammar: Punctuation Marks
	15. Spelling with Suffixes
	16. Quiz 3
	17. Spelling Quiz 3
	18. Special Project*
	19. Review Game
	20. Test
	21. Alternate Test*
	22. Reference

Unit 6: Cause and Effect, Homographs, Haiku Poetry	
Assignments	
Language Arts 300	1. Character/Main Idea/Details in a Parable
	2. Spelling with -eer and -ion
	3. Quiz 1
	4. Spelling Quiz 1
	5. Grammar: Capitalizing Titles; Using Commas
	6. Spelling with the Letter G
	7. Quiz 2
	8. Spelling Quiz 2
	9. Sequence/Cause and Effect/Responding to a Parable
	10. Spelling Plurals or Words with -air
	11. Quiz 3
	12. Spelling Quiz 3
	13. Reading: Haiku Poetry, Homographs
	14. Project: Book Report--Haiku Poetry*
	15. Project: Haiku Poetry
	16. Spelling with -ei and -ie
	17. Quiz 4
	18. Spelling Quiz 4
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

Unit 7: Following Directions, Suffixes, Pronouns, Friendly Letters	
Assignments	
Language Arts 300	1. Reading for Main Idea
	2. Grammar: Noun Review
	3. Grammar: Singular and Plural Nouns (1)
	4. Grammar: Singular and Plural Nouns (2)
	5. Extra Practice: Singular and Plural Nouns*
	6. Spelling Compound Words
	7. Quiz 1
	8. Spelling Quiz 1
	9. Reading: Follow Directions/ Fact or Fiction
	10. Project: Following Directions*
	11. Spelling with Suffixes (1)
	12. Quiz 2
	13. Spelling Quiz 2
	14. Grammar: Pronouns
	15. Grammar: Suffixes -er, -est
	16. Spelling with Suffixes (2)
	17. Quiz 3
	18. Spelling Quiz 3
	19. Composition: Friendly Letters
	20. Essay: Writing a Friendly Letter
	21. Spelling General Words
	22. Quiz 4
	23. Spelling Quiz Four
	24. Special Project*
	25. Review Game
	26. Test
	27. Alternate Test*
	28. Reference

Unit 8: Reading a Play, Comparing with Adjectives, Root Words		
Assignments		
Language Arts 300	1. Reading for Sequence	13. Reading a Play
	2. Grammar: Adjective Review	14. Grammar: Action Verbs
	3. Spelling with -le	15. Grammar: State-of-Being Verbs
	4. Quiz 1	16. Spelling Root Words
	5. Spelling Quiz 1	17. Quiz 3
	6. Reading for Details	18. Spelling Quiz 3
	7. Grammar: Comparing with Adjectives (1)	19. Special Project*
	8. Grammar: Comparing with Adjectives (2)	20. Review Game
	9. Extra Practice: Comparing with Adjectives*	21. Test
	10. Spelling Compound Words	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz 2	

Unit 9: Classifying, References, Thank-You Letters, Predicting Outcomes		
Assignments		
Language Arts 300	1. Reading to Classify	12. Spelling Quiz 2
	2. Grammar: Adverbs	13. Reading to Predict Outcome
	3. Spelling with Prefixes	14. Using Reference Books
	4. Quiz 1	15. Spelling with the Suffix -teen
	5. Spelling Quiz 1	16. Quiz 3
	6. Reading for Information	17. Spelling Quiz 3
	7. Project: Book Report—Nonfiction*	18. Special Project*
	8. Composition: Thank-you Letters	19. Review Game
	9. Project: Writing a Thank-you Letter	20. Test
	10. Spelling with Suffixes	21. Alternate Test*
	11. Quiz 2	22. Reference

Unit 10: Review		
Assignments		
Language Arts 300	1. Reading: Sequence and Context Clues	12. Quiz 3
	2. Grammar: Vowels	13. Reading Fiction and Nonfiction
	3. Grammar: Using Sentences Correctly	14. Project: Book Report--Historical Fiction*
	4. Quiz 1	15. Grammar: Alphabetical Order
	5. Grammar: Punctuation	16. Project: Writing Paragraphs
	6. Grammar: Capitalizing Words	17. Quiz 4
	7. Quiz 2	18. Special Project*
	8. Reading: Main Ideas; Cause and Effect	19. Review Game
	9. Grammar: Parts of Speech Review	20. Test
	10. Composition: Writing Letters	21. Alternate Test*
	11. Project: Writing Letters	22. Reference

Language Arts 400

Language Arts 400 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Apply skills for reading fluency and writing a report.
- **Unit 2:** Read for meaning in instructions, poetry, and fictional stories.
- **Unit 3:** Identify word parts and types such as prefixes, suffixes, synonyms, and antonyms.
- **Unit 4:** Identify parts of speech and types of sentences.
- **Unit 5:** Use reading strategies to understand a passage and write cohesive paragraphs.
- **Unit 6:** Explain characteristics of strong poetry and research-based reports.
- **Unit 7:** Differentiate forms of literature including fables, tall tales, and biographies.
- **Unit 8:** Analyze literature for language use.
- **Unit 9:** Plan, organize, and write a research-based report.

Unit 1: Reading and Writing	
Assignments	
Language Arts 400	1. Course Overview
	2. Joey and the Sad Tree (Part One)
	3. Sources of English Words
	4. Spelling Lesson 1
	5. Quiz 1
	6. Spelling Quiz One
	7. Joey and the Sad Tree (Part Two)
	8. Reading Fluency
	9. Spelling Lesson 2: R-controlled Vowels
	10. Quiz 2
	11. Spelling Quiz Two
	12. Study Skills
	13. Spelling Lesson 3: The Vowel O
14. Quiz 3	
15. Spelling Quiz Three	
16. Writing a Report	
17. Essay: Outline and Report	
18. Spelling Lesson 4: Vowel Combinations	
19. Quiz 4	
20. Spelling Quiz Four	
21. Special Project*	
22. Review Game	
23. Test	
24. Alternate Test*	
25. Reference	

Unit 2: Reading for Meaning		
Assignments		
Language Arts 400	1. Kippy the Kiwi	13. Haiku Poems
	2. Essay: Envyng Others	14. Haiku Poetry Composition
	3. Sound Study	15. Project: Book Report--Haiku Poetry*
	4. Following Instructions	16. Spelling Lesson 3: Suffixes
	5. Spelling Lesson 1: Suffixes	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz Three
	7. Spelling Quiz One	19. Special Project*
	8. Greedy, Selfish, and Honor	20. Review Game
	9. Dictionary Skills	21. Test
	10. Spelling Lesson 2	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz Two	

Unit 3: Word Play		
Assignments		
Language Arts 400	1. Why William Was Thankful	14. Spelling Lesson 3: Synonyms
	2. Root Words, Prefixes and Suffixes (1)	15. Quiz 3
	3. Root Words, Prefixes and Suffixes (2)	16. Spelling Quiz Three
	4. Spelling Lesson 1	17. More About Poetry
	5. Quiz 1	18. Project: Book Report—Poetry*
	6. Spelling Quiz One	19. Spelling Lesson 4: Antonyms
	7. Candy Bars	20. Quiz 4
	8. Homonyms	21. Spelling Quiz Four
	9. Spelling Lesson 2: Homonyms	22. Special Project*
	10. Quiz 2	23. Review Game
	11. Spelling Quiz Two	24. Test
	12. Poetic Expressions	25. Alternate Test*
	13. Synonyms and Antonyms	26. Reference

Unit 4: Words in Season		
Assignments		
Language Arts 400	1. Heidi	16. Adverbs
	2. Nouns and Verbs	17. Spelling Lesson 3: Adverbs
	3. Adjectives	18. Quiz 3
	4. Adjectives That Compare	19. Spelling Quiz Three
	5. Possessive Words	20. Writing Study Notes
	6. Spelling Lesson 1: Possessive Pronouns	21. Subject-Verb Agreement; Verb Tense
	7. Quiz 1	22. Spelling Lesson 4
	8. Spelling Quiz One	23. Quiz 4
	9. Fiction and Nonfiction	24. Spelling Quiz Four
	10. Project: Book Report—Fiction*	25. Special Project*
	11. Kinds of Sentences	26. Review Game
	12. Spelling Lesson 2: Suffixes	27. Test
	13. Quiz 2	28. Alternate Test*
	14. Spelling Quiz Two	29. Reference
	15. Following Directions; Writing Invitations	

Unit 5: Reading and Writing Stories		
Assignments		
Language Arts 400	1. Reading Skills (1)	15. Quiz 3
	2. Paragraphs	16. Spelling Quiz Three

Language Arts 400	3. Essay: Writing Paragraphs	17. Writing Stories
	4. Spelling Lesson 1: Prefixes	18. Essay: Writing a Story
	5. Quiz 1	19. Spelling Lesson 4: Silent Letters and Unusual Vowels
	6. Spelling Quiz One	20. Quiz 4
	7. Reading Skills (2)	21. Spelling Quiz Four
	8. Capital Letters	22. Special Project*
	9. Spelling Lesson 2: Contractions	23. Review Game
	10. Quiz 2	24. Test
	11. Spelling Quiz Two	25. Alternate Test*
	12. The Hobby of Stamp Collecting	26. Reference
	13. Punctuation Marks	
	14. Spelling Lesson 3: Prefixes	

Unit 6: Rhymes and Reports		
Assignments		
Language Arts 400	1. Fact and Opinion	14. Characteristics of Poetry
	2. Book Reports	15. Analyzing Poetry
	3. Essay: Writing a Summary	16. Essay: Four Line Poem
	4. Project: Book Report: Nonfiction*	17. Spelling Lesson 3: Days of the Week; Hyphenated Words
	5. Spelling Lesson 1: Months and Abbreviations	18. Quiz 3
	6. Quiz 1	19. Spelling Quiz Three
	7. Spelling Quiz One	20. Special Project*
	8. Following Directions in Parables and Fables	21. Review Game
	9. Essay: Paraphrasing Parables	22. Test
	10. Spelling Lesson 2: Suffixes	23. Alternate Test*
	11. Quiz 2	24. Reference
	12. Spelling Quiz Two	
	13. Poetry Review	

Unit 7: Forms of Literature		
Assignments		
Language Arts 400	1. Biography	14. Tall Tales
	2. Project: Book Report—Biography*	15. Essay: Tall Tale
	3. Exploring Nouns	16. Project: Book Report: Folk Tales*
	4. Exploring Singular and Plural Nouns	17. Exploring Verbs (2)
	5. Spelling Lesson 1: Two-Syllable Words	18. Spelling Lesson 3: More Words With Two Syllables
	6. Quiz 1	19. Quiz 3
	7. Spelling Quiz One	20. Spelling Quiz Three
	8. Fables	21. Special Project*
	9. Essay: Writing a Fable	22. Review Game
	10. Exploring Verbs	23. Test
	11. Spelling Lesson 2: Words with Open Syllables	24. Alternate Test*
	12. Quiz 2	25. Reference
	13. Spelling Quiz Two	

Unit 8: Language in Literature		
Assignments		
Language Arts 400	1. Reading (1)--On the Farm	14. Figurative Language
	2. Adjectives	15. Paragraph Writing
	3. Spelling Lesson 1: CVR/VC Words	16. Essay: Narrative Writing
	4. Quiz 1	17. Essay: Descriptive Paragraph*
	5. Spelling Quiz One	18. Spelling Lesson 3: Silent Letters; Compound Words with Suffixes
	6. Reading: The Power of God's Word	19. Quiz 3
	7. Adjectives That Compare	

8.	Adverbs	20.	Spelling Quiz Three
9.	Spelling Lesson 2: Words with Digraphs	21.	Special Project*
10.	Quiz 2	22.	Review Game
11.	Spelling Quiz Two	23.	Test
12.	Reading: The Early Olympic Games	24.	Alternate Test*
13.	Essay: The Olympic Games*	25.	Reference

Unit 9: Reading and Researching				
Assignments				
Language Arts 400	1.	Reasons for Reading	15.	Finding Information
	2.	Reading Skills (1)	16.	Taking Notes and Making an Outline
	3.	Project: The Navajo*	17.	Project: Report Part One
	4.	Spelling Lesson 1: Words that End with -le	18.	Writing a Report
	5.	Quiz 1	19.	Project: Report Part Two
	6.	Spelling Quiz One	20.	Project: Report Part Three
	7.	A Little Salt, Please	21.	Spelling Lesson 3: Prefixes and Suffixes
	8.	Reading Skills (2)	22.	Quiz 3
	9.	Project: Salt in the Bible*	23.	Spelling Quiz Three
	10.	Project: Book Report--Historical Fiction*	24.	Special Project*
	11.	Spelling Lesson 2: Two Syllable Words	25.	Review Game
	12.	Quiz 2	26.	Test
	13.	Spelling Quiz Two	27.	Alternate Test*
	14.	Planning a Report	28.	Reference

Unit 10: Review				
Assignments				
Language Arts 400	1.	Lost (Parts One and Two)	12.	Quiz 3
	2.	Thinking About What You Read	13.	Essay: Narrative or Descriptive Writing Review
	3.	Quiz 1	14.	Essay: Writing a Letter Review*
	4.	Using a Dictionary	15.	Report: Book Report*
	5.	Working with Nouns, Adjectives, and Adverbs	16.	Report: Writing a Report Review*
	6.	Verbs of Action or Being	17.	Special Project*
	7.	Word Parts and Word Play	18.	Review Game
	8.	Punctuating Correctly	19.	Test
	9.	Quiz 2	20.	Alternate Test*
	10.	Study Skills and Note Taking	21.	Reference
	11.	Recognizing Literary Forms		

Language Arts 500

Language Arts 500 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Understanding main ideas and the author's message through vocabulary.
- **Unit 2:** Reading stories and poetry to review comprehension skills, mood, and compound words.
- **Unit 3:** Exploring parts of speech and language including prefixes, suffixes, homonyms, and idioms.
- **Unit 4:** Applying strategies for effective communication in writing and speech.
- **Unit 5:** Reading and writing stories efficiently including use of dialogue.
- **Unit 6:** Identifying characteristics of different types of poetry.
- **Unit 7:** Exploring reading passages and applying knowledge of story parts and language.
- **Unit 8:** Using language effectively to describe and compare.
- **Unit 9:** Planning, drafting, and editing a research-based report.

Unit 1: Jesus, Our Example	
Assignments	
Language Arts 500	1. Course Overview
	2. The Author's Message
	3. Project: Finding the Topic
	4. Vowel Diphthong Design
	5. Spelling Lesson 1: Vowel Diphthongs
	6. Quiz 1
	7. Spelling Quiz 1
	8. Narrative Elements
	9. Vocabulary Study: Dictionary Respellings
	10. Spelling Lesson 2: Vowel Digraphs
	11. Quiz 2
	12. Essay: Using Spelling Words*
	13. Spelling Quiz 2
	14. Communicating with Handwriting
	15. Spelling Lesson 3: Silent e
	16. Quiz 3
	17. Spelling Quiz 3
	18. Special Project*
	19. Review Game
	20. Test
	21. Alternate Test*
	22. Reference

Unit 2: Working with Information		
Assignments		
Language Arts 500	1. The Author of the Story	13. Mood
	2. Reading an Excerpt: CALL IT COURAGE	14. Poetry
	3. Project: Outline - The Polynesian People*	15. Contractions
	4. Compound Words and Hyphens	16. Spelling Lesson 3: Contractions
	5. Spelling Lesson 1: Compound Words	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz 3
	7. Spelling Quiz 1	19. Special Project*
	8. Finding Main Ideas (1)	20. Review Game
	9. Finding Main Ideas (2)	21. Test
	10. Spelling Lesson 2: Spelling Troublemakers	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz 2	

Unit 3: The Story of Our Language		
Assignments		
Language Arts 500	1. In the Beginning	13. Middle and Modern English
	2. Word Study	14. Homonyms, Idioms, and Abbreviations
	3. Spelling Lesson 1: Words with Many Syllables	15. Essay: Descriptive Story
	4. Quiz 1	16. Spelling Lesson 3: Antonyms
	5. Quiz: Spelling 1	17. Quiz 3
	6. Abused Language in the Garden	18. Quiz: Spelling 3
	7. Prefixes and Suffixes	19. Project: Book Report—Nonfiction*
	8. Phrases, Adjectives, and Adverbs	20. Special Project*
	9. Spelling Lesson 2: Silent Letters	21. Review Game
	10. Quiz 2	22. Test
	11. Quiz: Spelling 2	23. Alternate Test*
	12. Anglo-Saxon Literature; Author's Purpose	24. Reference

Unit 4: Effective Communication		
Assignments		
Language Arts 500	1. Main Idea and Supporting Details	14. Project: Taking Notes
	2. Sentence Patterns; Speaking Courteously	15. The Written Report (2)
	3. Spelling Lesson 1: Silent Letters	16. Project: Outline
	4. Quiz 1	17. Essay: Report
	5. Spelling Quiz 1	18. Spelling Lesson 3: Homonyms
	6. Sensible Sentences	19. Quiz 3
	7. Essay: Pollution	20. Spelling Quiz 3
	8. Reading Skills	21. Special Project*
	9. Spelling Lesson 2: Same Sounds, Different Letters	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz 2	24. Alternate Test*
	12. Essay: Robin Hood	25. Reference
	13. The Written Report (1)	

Unit 5: Reading and Writing Stories		
Assignments		
Language Arts 500	1. Reading a Story	13. Quiz 2
	2. Essay: Writing a Summary	14. Spelling Quiz 2
	3. Judging the Value of a Story	15. Story Writing
	4. Project: Book Report--Historical Fiction*	16. Essay: Short Story
	5. Spelling Lesson 1: Suffixes	17. Spelling Lesson 3: Prefixes
	6. Quiz 1	18. Quiz 3
	7. Spelling Quiz 1	19. Spelling Quiz 3
	8. Mastering Dialogue	20. Special Project*
	9. Project: Making Conversation	21. Review Game
	10. Project: Seed Ideas*	22. Test
	11. Writing Better Sentences	23. Alternate Test*
	12. Spelling Lesson 2: Ordinal Numbers; Suffix -ism	24. Reference

Unit 6: Poetry		
Assignments		
Language Arts 500	1. Reading Story Poems	14. Poetic Ideas and Devices
	2. Enjoying Poetry	15. Writing Poetry
	3. Project: Working with Rhythm	16. Project: Pen Pictures and Couplets
	4. Spelling Lesson 1: Suffixes	17. Project: Free Verse Prayer
	5. Quiz 1	18. Project: Poetry Book*
	6. Spelling Quiz 1	19. Spelling Lesson 3: Plurals
	7. Reading Humorous Poems	20. Quiz 3
	8. Playing with Words	21. Spelling Quiz 3
	9. Project: Book Report—Poetry*	22. Special Project*
	10. Spelling Lesson 2: Suffixes	23. Review Game
	11. Quiz 2	24. Test
	12. Spelling Quiz 2	25. Alternate Test*
	13. Reading Inspirational Poems	26. Reference

Unit 7: Reading Comprehension		
Assignments		
Language Arts 500	1. Cause and Effect	16. The Story of Marc
	2. From GULLIVER'S TRAVELS	17. Spelling Lesson 3: Words with /aw/
	3. Essay: Land of Lilliput	18. Quiz 3
	4. Spelling Lesson 1: Homonyms	19. Spelling Quiz 3
	5. Quiz 1	20. Adjectives (1)
	6. Spelling Project: Homonyms	21. Project: Using Adjectives*
	7. Spelling Quiz 1	22. Adjectives (2)
	8. Reviewing Nouns	23. Spelling Lesson 4: Unexpected Spellings
	9. Singular and Plural Nouns	24. Quiz 4
	10. Possessive Nouns; Uses of Nouns (Case)	25. Spelling Quiz 4
	11. Noun Substitutes	26. Special Project*
	12. Spelling Lesson 2: Words with /sh/	27. Review Game
	13. Quiz 2	28. Test
	14. Spelling Quiz 2	29. Alternate Test*
	15. Judgments, Inferences, Facts, and Opinions	30. Reference

Unit 8: Working With Words		
Assignments		
Language Arts 500	1. Main Verbs	15. Aesop and Fables
	2. Verb Forms	16. Essay: Fable Rewrite

	3. Subject/Verb Agreement; Contractions	17. Project: Retelling Fables*
	4. Participles	18. Parables-Stories Jesus Told
	5. Spelling Lesson 1: Suffix -ure	19. Project: Parables*
	6. Quiz 1	20. Spelling Lesson 3: Suffixes -al, -ial, -ual
	7. Spelling Quiz 1	21. Quiz 3
	8. Modifying with Adverbs	22. Spelling Quiz 3
	9. Changing Adjectives into Adverbs	23. Special Project*
	10. Extra Practice: Using Adverbs in Writing*	24. Review Game
	11. Showing Comparisons	25. Test
	12. Spelling Lesson 2: Suffixes -age, -ion	26. Alternate Test*
	13. Quiz 2	27. Reference
	14. Spelling Quiz 2	

Unit 9: Reading and Study Skills		
Assignments		
Language Arts 500	1. Improving Reading Fluency and Study Skills	14. Recognizing Facts and Opinions in a Report
	2. A Story About Old England	15. Project: Facts and Opinions Report
	3. Spelling Lesson 1: Using Syllable to Help You Spell	16. Report: Facts and Opinions
	4. Quiz 1	17. Spelling Lesson 3: Homonyms with Long /e/
	5. Spelling Quiz 1	18. Quiz 3
	6. Using Graphic Aids; Outlining	19. Spelling Quiz 3
	7. A Story About Esther	20. Special Project*
	8. Report: Summary of Esther	21. Review Game
	9. Project: Book Report—Biography*	22. Test
	10. Spelling Lesson 2: Sight Words	23. Alternate Test*
	11. Quiz 2	24. Reference
	12. Spelling Quiz 2	
	13. Reviewing Literary Forms	

Unit 10: Review		
Assignments		
Language Arts 500	1. Literature	13. Using Adverbs
	2. Project: Book Report—Fiction*	14. Quiz 2
	3. Project: Composition Folder*	15. Reading and Bible Study Skills
	4. Poetry	16. Types of Sentences
	5. Project: Poetry Project	17. Essay: Dialogue
	6. Using Nouns and Adjectives	18. Essay: Personal Reaction
	7. Writing a Short Story	19. Quiz 3
	8. Essay: Short Story	20. Special Project*
	9. Quiz 1	21. Review Game
	10. Reading Comprehension	22. Test
	11. Using Word Study Skills	23. Alternate Test*
	12. Using Verbs	24. Reference

Language Arts 600

Language Arts 600 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Differentiate and identify common parts of speech.
- **Unit 2:** Use efficient grammar including punctuation, diction, capitalization, and syntax.
- **Unit 3:** Analyze something read to find vocabulary, relationships, and comparisons with context.
- **Unit 4:** Write accurately in different forms including letters and use of outside research.
- **Unit 5:** Recognize propaganda, facts, and opinions in news stories.
- **Unit 6:** Identify different forms of literature in both fiction and nonfiction.
- **Unit 7:** Establish a purpose for reading a passage and adjust reading strategies accordingly.
- **Unit 8:** Differentiate and write different forms of poetry using figurative language.
- **Unit 9:** Link bible stories and passages to different forms of traditional literature.

Unit 1: Elements of Grammar		
Assignments		
Language Arts 600	1. Course Overview	14. Spelling Lesson 3
	2. The Sentence	15. Quiz 3
	3. Sentence Types	16. Spelling Quiz 3
	4. Spelling Lesson 1	17. Pronouns
	5. Quiz 1	18. Prepositions
	6. Spelling Quiz 1	19. Conjunctions and Interjections
	7. Nouns	20. Quiz 4
	8. Verbs	21. Special Project*
	9. Spelling Lesson 2	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz 2	24. Alternate Test*
	12. Adjectives	25. Reference
	13. Adverbs	

Unit 2: Grammar Usage		
Assignments		
Language Arts 600	1. Capitalization	14. Using Auxiliary Verbs
	2. Punctuation	15. Spelling Lesson 3
	3. Spelling Lesson 1	16. Quiz 3
	4. Quiz 1	17. Spelling Quiz 3
	5. Spelling Quiz 1	18. Using Adjectives and Adverbs
	6. Word Parts	19. Fragments and Run-on Sentences
	7. Word Parts: Exercises*	20. Quiz 4
	8. Synonyms, Antonyms, and Idioms	21. Special Project*
	9. Spelling Lesson 2	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz 2	24. Alternate Test*
	12. Person and Number of Verbs	25. Reference
	13. Principal Parts of Verbs	

Unit 3: Reading Skills		
Assignments		
Language Arts 600	1. Developing Reading Skills	13. Project: Book Report: Short Story*
	2. Developing Vocabulary	14. Analyzing Story Structure
	3. Spelling Lesson 1: /sh/	15. Comparing and Contrasting Stories
	4. Quiz 1	16. Spelling Lesson 3: Homonyms
	5. Spelling Quiz 1	17. Quiz 3
	6. Finding Relationships: Sequence/Cause and Effect	18. Spelling Quiz 3
	7. Comprehension: Distinguishing Fact from Opinion	19. Special Project*
	8. Reading to Comprehend	20. Review Game
	9. Spelling Lesson 2: /sh/	21. Test
	10. Quiz 2	22. Alternate Test*
	11. Spelling Quiz 2	23. Reference
	12. Reading Critically	

Unit 4: Writing Skills		
Assignments		
Language Arts 600	1. Paragraph Writing	14. Spelling Lesson 2: -ing
	2. Essay: Paragraph	15. Spelling Quiz 2
	3. Essay: Autobiography*	16. Writing the Report
	4. Business Letters	17. Project: Research--Final Report
	5. Project: Business Letter	18. Spelling Lesson 3
	6. Report Writing: Preparation	19. Quiz 2
	7. Spelling Lesson 1: Plurals	20. Spelling Quiz 3
	8. Quiz 1	21. Special Project*
	9. Spelling Quiz 1	22. Review Game
	10. Report Writing: Researching	23. Test
	11. Project: Research--Taking Notes	24. Alternate Test*
	12. Outlining	25. Reference
	13. Project: Research--Outline	

Unit 5: Newspapers and Propaganda		
Assignments		
Language Arts 600	1. The Newspaper	13. Recognizing Propaganda
	2. Fact and Opinion in News Reports	14. Project: Propaganda
	3. Report: Newspapers Today	15. Spelling Lesson 3: Plurals, Homonyms, and the /sh/ Sound
	4. Analyzing a News Story	16. Spelling Quiz 3
	5. Project: News Story	17. Quiz 2
	6. Spelling Lesson 1: Words That Sound Alike	18. Special Project*
	7. Quiz 1	19. Review Game
	8. Spelling Quiz 1	20. Test
	9. Propaganda	21. Alternate Test*
	10. Project: Advertisement	22. Reference
	11. Spelling Lesson 2	
	12. Spelling Quiz 2	

Unit 6: Literary Forms		
Assignments		
Language Arts 600	1. Spelling Lesson 1	11. Mood
	2. Spelling Quiz 1	12. Spelling Lesson 3
	3. Poetry	13. Quiz 2
	4. Types of Prose Fiction	14. Spelling Quiz 3
	5. Types of Prose Fiction (2)	15. Special Project*
	6. Spelling Lesson 2	16. Review Game
	7. Quiz 1	17. Test
	8. Spelling Quiz 2	18. Alternate Test*
	9. Prose Nonfiction	19. Reference
	10. Project: Book Report: Biography*	

Unit 7: Reading for a Purpose		
Assignments		
Language Arts 600	1. Judging a Book	13. Reading for Inspiration (1)
	2. An Author's Use of Expressive Language	14. Reading for Inspiration (2)
	3. Spelling Lesson 1	15. Essay: Lambs in the Bible
	4. Quiz 1	16. Spelling Lesson 3: Suffixes and the /sh/ Sound
	5. Spelling Quiz 1	17. Quiz 3
	6. Nonfiction Comprehension Practice	18. Spelling Quiz 3
	7. Nonfiction: Main Idea and Supporting Details	19. Project: Book Report: Novel*
	8. Project: Outline*	20. Special Project*
	9. Report: Shepherding	21. Review Game
	10. Spelling Lesson 2	22. Test
	11. Quiz 2	23. Alternate Test*
	12. Spelling Quiz 2	24. Reference

Unit 8: Poetry		
Assignments		
Language Arts 600	1. Characteristics of Poetry	17. Project: Cinquain and Shaped Poems
	2. Free Verse	18. Spelling Lesson 3
	3. Project: Youthfulness*	19. Quiz 2
	4. Spelling Lesson 1	20. Spelling Quiz 3
	5. Quiz 1	21. Musical Poems
	6. Spelling Quiz 1	22. Report: Lullabies
	7. Figures of Speech: Similes	23. Word Play: Riddles/Conundrums
	8. Figures of Speech: Metaphors	24. Limericks
	9. Project: Metaphors	25. Project: Limericks
	10. Poetic Devices	26. Palindromes
	11. Essay: Invented Words	27. Quiz 3
	12. Spelling Lesson 2	28. Special Project*
	13. Spelling Quiz 2	29. Review Game
	14. Poetic Forms (1)	30. Test
	15. Project: Pen Picture	31. Alternate Test*
	16. Poetic Forms (2)	32. Reference

Unit 9: Bible Literature		
Assignments		
Language Arts 600	1. The Bible as Literature	13. Spelling Quiz 2
	2. A Bible Story	14. Bible History
	3. Project: Bible Stories*	15. Law
	4. Parables and Proverbs	16. Spelling Lesson 3
	5. Spelling Lesson 1	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz 3
	7. Spelling Quiz 1	19. Special Project*
	8. Bible Poetry	20. Review Game
	9. Project: Psalm 19	21. Test
	10. Prophetic Writing	22. Alternate Test*
	11. Spelling Lesson 2	23. Reference
	12. Quiz 2	

Unit 10: Review		
Assignments		
Language Arts 600	1. Patterns in Language	12. Project: Advertising
	2. Capitalization and Punctuation	13. Essay: The President's Thoughts*
	3. Quiz 1	14. Communication: Letters and Newspapers
	4. Organization in Literary Forms	15. Project: Newspaper*
	5. Quiz 2	16. Quiz 4
	6. Project: Planning and Writing a Short Story	17. Special Project*
	7. Literary Forms (1)	18. Review Game
	8. Project: Fish Story*	19. Test
	9. Literary Forms (2)	20. Alternate Test*
	10. Quiz 3	21. Reference
	11. Forms of Communication	

Language Arts 700

Language Arts 700 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—develops students' reading skills, including the identification of main ideas, supporting details, and sequence; teaches students how to reach logical conclusions as well as use appropriate reading rates; shows students how to identify parts of speech in sentences, with emphasis on adjectives, adverbs, conjunctions, pronouns, and verb types; helps students develop basic literary comprehension skills through the reading of biographical and autobiographical pieces, poetry, and character analyses.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with coordination, conjunctions, subject-verb agreement, participles, and phrases; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, character analyses, character sketches, short biographies, and summaries; develops students' critical thinking skills through speculative writing on morality.
- **Speaking**—teaches skills that enable students to become effective speakers and communicators, weaving the skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills.

Unit 1: Nouns, Pronouns, Affixes, and Using Words Correctly			
Assignments			
Language Arts 700	1.	Course Overview	13. Quiz 2: Using Pronouns
	2.	Documentation	14. Spelling Quiz 2
	3.	Nouns As Labels; Related Nouns; Categories	15. Using the Right Prefix
	4.	Common and Proper Nouns	16. Suffixes Change Spelling/Part of Speech
	5.	Report: The Meaning of Names	17. Using Mnemonic Devices for Homonyms
	6.	Spelling Lesson 1: Content Words; ei and ie	18. Spelling Lesson 3: Common Homonyms
	7.	Quiz 1: Using Nouns	19. Quiz 3: Cumulative
	8.	Spelling Quiz 1	20. Spelling Quiz 3
	9.	Personal Pronoun Case	21. Unit 1 Special Project*
	10.	Reflexive Pronouns; Archaic Pronouns	22. Test
	11.	Demonstratives; Pronoun-Antecedent Agreement	23. Alternate Test*
	12.	Spelling Lesson 2: General/Easily Confused Words	24. Reference

Unit 2: Usage; Speaking and Listening; Verb Tenses		
Assignments		
Language Arts 700	1. Speaking Expressively	13. Verbs: Present Tense
	2. Retelling a Story: Alfred the Great	14. Past Tense: Regular and Irregular Verbs
	3. Project: Story-telling	15. Auxiliary Verbs/Future Tense
	4. Report: Alfred the Great	16. Verbs: Perfect Tenses and Conjugation
	5. Spelling Lesson 1: Multisyllable Words	17. Spelling Lesson 3: General Words
	6. Quiz 1: Speaking Expressively	18. Quiz 3: Speaking/Listening; Verb Tenses
	7. Spelling Quiz 1	19. Spelling Quiz 3
	8. Adjusting Listening to Purpose	20. Book Report: Novel*
	9. Essay: Listening	21. Unit 2 Special Project*
	10. Spelling Lesson 2: Frequently Misspelled Words	22. Test
	11. Quiz 2: Speaking and Listening	23. Alternate Test*
	12. Spelling Quiz 2	24. Reference

Unit 3: Biographies and Grammar (Affixes)		
Assignments		
Language Arts 700	1. Biography: William Tyndale	12. Suffixes: Finding
	2. Sequence of Events	13. Meaning of Suffixes/Parts of Speech
	3. Essay: Special Day*	14. Prefixes and Suffixes
	4. Flashback and Inferences in Biography	15. Spelling Lesson 2: Words with Affixes
	5. Project: Biography	16. Quiz 2: Affixes, Biography, Sequence
	6. Book Report: Biography*	17. Spelling Quiz 2
	7. Spelling Lesson 1: General/ -le and -el	18. Unit 3 Special Project*
	8. Quiz 1: Biographies/Sequence of Events	19. Test
	9. Spelling Quiz 1	20. Alternate Test*
	10. Prefixes: Finding	21. Reference
	11. Prefixes: Meanings	

Unit 4: Structure of Written and Spoken Language		
Assignments		
Language Arts 700	1. Structure: Subject and Predicate	12. Quiz 2: Sentence Structure and Variety
	2. Patterns: Inverted, Compound Parts, S/V/DO	13. Spelling Quiz 2
	3. Patterns: S/LV/PN, S/LV/PA, S/V/IO/DO	14. Pitch/Accent/Pause
	4. Essay: Using Sentence Patterns	15. Punctuating Pauses
	5. Spelling Lesson 1: Content Area Words	16. Spelling Lesson 3: General
	6. Quiz 1: Sentence Structure and Patterns	17. Quiz 3: Cumulative
	7. Spelling Quiz 1	18. Spelling Quiz 3
	8. Writing Complete Sentences	19. Unit 4 Special Project*
	9. Structure; Word Choice; Ambiguity	20. Test
	10. Effective Sentences: Vivid Modifiers	21. Alternate Test*
	11. Spelling Lesson 2: General	22. Reference

Unit 5: The English Language		
Assignments		
Language Arts 700	1. Words That Signal Types of Organization	15. Verb Tense: Past and Present
	2. Words That Express Feelings	16. Direct Object
	3. Essay: Words for Feelings	17. Verbs Often Confused: Lie/Lay
	4. Spelling Lesson 1: Using y and ou	18. Verbs Often Confused: Sit/Set
	5. Quiz 1: Signal Words and Words for Feelings	19. Verbs Often Confused: Rise/Raise
	6. Spelling Quiz 1	20. Verbs Often Confused: Review
	7. Formal, Informal, Nonstandard English	21. Pronouns Often Confused
	8. Smooth and Clear Expression	22. Spelling Lesson 3: Past Tense Verbs
	9. Essay: Informal/Formal English	23. Quiz 3: Cumulative
	10. Spelling Lesson 2: Homonyms	24. Spelling Quiz 3
	11. Quiz 2 Cumulative	25. Unit 5 Special Project*
	12. Spelling Quiz 2	26. Test
	13. Subject-Verb Agreement in Number	27. Alternate Test*
	14. Form of Action Verbs	28. Reference

Unit 6: Mechanics and Structure of English		
Assignments		
Language Arts 700	1. Capital Letters 1	15. Subjects and Predicates
	2. Capital Letters 2	16. Complements
	3. Spelling Lesson 1: Adjectives and Adverbs	17. Adjectives
	4. Quiz 1: Capitalization	18. Adverbs
	5. Spelling Quiz 1	19. Prepositional Phrases as Modifiers
	6. Apostrophe	20. Quiz 3: Structure and Mechanics
	7. Quotation Marks	21. Coordination
	8. Parentheses/Hyphen	22. Spelling Lesson 3: General Words
	9. Comma	23. Quiz 4: Cumulative
	10. Punctuation Review	24. Spelling Quiz 3
	11. Essay: Importance of Language Mechanics	25. Unit 6 Special Project*
	12. Spelling Lesson 2: Special Types of Words	26. Test
	13. Quiz 2: Capitals and Punctuation	27. Alternate Test*
	14. Spelling Quiz 2	28. Reference

Unit 7: The Hiding Place: A Study Guide		
Assignments		
Language Arts 700	1. Chapters 1-3: Flashback/Foreshadowing	15. Quiz 2: The Hiding Place, chapters 6-9
	2. Chapters 4-5: Reading for Details	16. Spelling Quiz 2
	3. Understanding Characters	17. Chapter 10: Sequence
	4. Essay: Occupied	18. Chapters 11-13: Reading for Details
	5. Report: World War II*	19. Chapters 14-15: Understand Characters
	6. Report: Dietrich Bonhoeffer*	20. Author's Purpose/Modes of Writing
	7. Spelling Lesson 1: Noun Suffixes	21. Essay: Character Sketch
	8. Quiz 1: The Hiding Place, chapters 1-5	22. Spelling Lesson 3: Noun Suffixes
	9. Spelling Quiz 1	23. Quiz 3: The Hiding Place, chapters 10-15
	10. Chapters 6-7: Comprehension	24. Spelling Quiz 3
	11. Chapter 8-9: Suspense	25. Unit 7 Special Project*
	12. Interpretation and Communication	26. Test
	13. Essay: Pickwick	27. Alternate Test*
	14. Spelling Lesson 2: Verb Suffixes	28. Reference

Unit 8: Nonfiction and Communication		
Assignments		
Language Arts 700	1. Nonfiction Literature: Helen Keller	11. Spelling Quiz 2
	2. Nonfiction Literature: The Apple Tree Switch	12. Communicating with Gestures

3.	Spelling Lesson 1: General	13.	Spelling Lesson 3: General
4.	Quiz 1: Nonfiction	14.	Quiz 3: Speaking with Gestures
5.	Spelling Quiz 1	15.	Spelling Quiz 3
6.	Learning to Listen Review	16.	Unit 8 Special Project*
7.	Note-taking and Summarizing	17.	Test
8.	Essay: Summary	18.	Alternate Test*
9.	Spelling Lesson 2: General	19.	Reference
10.	Quiz 2: Listening, Summarizing, and Nonfiction		

Unit 9: Writing and Pronunciation				
Assignments				
Language Arts 700	1.	Sentence Types: Introduction	15.	Quiz 2: Writing Paragraphs and Mechanics
	2.	Sentence Types: Declarative/Interrogative	16.	Spelling Quiz 2
	3.	Sentence Types: Imperative/Exclamatory	17.	Pronunciation
	4.	Sentence Errors: Fragments	18.	Regional Differences in Pronunciation
	5.	Sentence Errors: Comma Splice/Run-on	19.	Words in Reading/Nonsense Words
	6.	Spelling Lesson 1: General and Content Area Words	20.	Essay: A Nonsense Poet
	7.	Quiz 1: Correct Sentences	21.	Project: Limericks
	8.	Spelling Quiz 1	22.	Spelling Lesson 3: Words Often Mispronounced
	9.	Paragraph Format/Topic Sentence	23.	Quiz 3: Cumulative
	10.	Paragraph Unity and Sequence	24.	Spelling Quiz 3
	11.	Deductive/Inductive/Transitional Paragraphs	25.	Unit 9 Special Project*
	12.	Essay: Paragraph Practice	26.	Test
	13.	Project: Paragraph Self Check	27.	Alternate Test*
	14.	Spelling Lesson 2: Noun and Adjective Suffixes	28.	Reference

Unit 10: Review				
Assignments				
Language Arts 700	1.	Verb Tense	16.	Project: Punctuation Practice
	2.	Verb Agreement and Confusion	17.	Spelling Review Lessons 3 and 4
	3.	Nouns and Pronouns	18.	Review Quiz 2
	4.	Reflexive and Demonstrative Pronouns; Pronoun-Antecedent Agreement	19.	Spelling Quiz 2
	5.	Adjectives/Adverbs	20.	Communication: Writing and Reading
	6.	Prepositional Phrases	21.	Book Report: Short Story*
	7.	Sentence Patterns and Types	22.	Communication: Speaking and Listening
	8.	Spelling Review Lessons 1 and 2	23.	Project: Autobiography*
	9.	Review Quiz 1	24.	Spelling Review Lessons 5 and 6
	10.	Spelling Quiz 1	25.	Review Quiz 3
	11.	Capitalization	26.	Spelling Quiz 3
	12.	Apostrophe	27.	Unit 10 Special Project*
	13.	Quotation Marks/Parentheses	28.	Test
	14.	Hyphens/Commas	29.	Alternate Test*
		30.	Reference	

Language Arts 800

Language Arts 800 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to analyze propaganda and other forms of writing, including biographies, autobiographies, formal essays, and informal essays; shows students how to make denotative, symbolic, and connotative readings of a text; introduces both Old English and Middle English languages and literature to develop students' understanding of English language formation and development; prepares students for the higher level literary comprehension skills required in the upper grades.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with conjunctions, transitions, clauses, and common sentence errors; teaches language histories and etymologies to help students build on knowledge of word structures, including topics like prefixes, roots, and suffixes; expands on students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing business letters, friendly letters, informal essays, and basic literature analyses.
- **Speaking**—offers students experience in delivering oral reports; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills, as well as helping them become reliable and efficient note takers.

Unit 1: Communication	
Assignments	
1. Course Overview	15. Suffixes Change the Spelling of Roots
2. Documentation	16. Spelling Lesson 2: General
3. Improving Your Reading: Using Word Parts	17. Quiz 2: Cumulative
4. Inflections Add Grammatical Meaning	18. Spelling Quiz 2
5. Word Roots from Latin and Greek	19. Communication Without Words
6. Categorizing Words and Analogies	20. Direct Nonverbal Communication
7. Book Report: Pre-1900 Novel*	21. Spelling Lesson 3: Affixes
8. Spelling Lesson 1: Using ie and ei	22. Quiz 3: Communicating Without Words
9. Quiz 1: Word Parts/Categories/Analogies	23. Spelling Quiz 3
10. Spelling Quiz 1	24. Unit 1 Special Project*
11. Following Directions	25. Test
12. Project: Directions*	26. Alternate Test*
13. Project: Writing Directions from a Prompt*	27. Reference
14. Essay: Write a Technical Document Giving Directions	

Unit 2: Development and Usage of English	
Assignments	
Language Arts 800	1. Development of Language: Origins and Dialects
	2. The Indo-European Family
	3. Spelling Lesson 1: General/Content Area
	4. Quiz 1: History of the English Language
	5. Spelling Quiz 1
	6. Word Classes--Nouns
	7. Personal and Possessive Pronouns
	8. Other Kinds of Pronouns
	9. Verbs
	10. Adjectives and Adverbs
	11. Project: Descriptive Paragraph
	12. Essay: Writing About an Event
	13. Spelling Lesson 2: General
14. Quiz 2: Classification of Words	
15. Spelling Quiz 2	
16. Adjectives and Adjective Phrases	
17. Adverbs and Adverb Phrases	
18. Book Report: Short Story*	
19. Spelling Lesson 3: Adjectives and Adverbs	
20. Quiz 3: Cumulative	
21. Spelling Quiz 3	
22. Unit 2 Special Project*	
23. Test	
24. Alternate Test*	
25. Reference	

Unit 3: Punctuation and Literature	
Assignments	
Language Arts 800	1. Ending a Thought: End Punctuation
	2. Using Punctuation to Link Clauses
	3. Interrupting a Thought
	4. Following an Introduction
	5. Spelling Lesson 1: -ant and -ent Endings
	6. Quiz 1: Punctuation
	7. Spelling Quiz 1
	8. The Formal Essay
	9. Analyzing a Formal Essay
	10. Project: Analysis of an Essay
	11. Spelling Lesson 2: -ise, -ize, -yze
	12. Quiz 2: Punctuation/The Formal Essay
13. Spelling Quiz 2	
14. The Informal Essay	
15. The Anecdote	
16. Essay: Informal Essay	
17. Spelling Lesson 3: -able, -ible	
18. Quiz 3: Punctuation and Essays	
19. Spelling Quiz 3	
20. Unit 3 Special Project*	
21. Test	
22. Alternate Test*	
23. Reference	

Unit 4: Words and How to Use Them	
Assignments	
Language Arts 800	1. Spelling Lesson 1: Develop Spelling Sense
	2. Spelling Quiz 1
	3. Using the Dictionary
	4. Diacritical Marks
	5. Using a Thesaurus
	6. Quiz 1: Understanding Words (Dictionary and Thesaurus Skills)
	7. Spelling Lesson 2: General and Homonyms
	8. Spelling Quiz 2
	9. Standard and Nonstandard Usage
10. Confusing Words	
11. Quiz 2: Using Words Correctly	
12. Spelling Lesson 3: General	
13. Spelling Quiz 3	
14. Project: Book Report: Post-1900 Novel*	
15. Unit 4 Special Project*	
16. Test	
17. Alternate Test*	
18. Reference	

Unit 5: Correct Language Usage		
Assignments		
Language Arts 800	1. The Apostrophe	15. Project: Speech
	2. The Hyphen	16. Spelling Lesson 2: Content Words
	3. Quotation Marks	17. Quiz 2: Punctuation, Usage, and Spoken Language
	4. Parentheses and Italics	18. Spelling Quiz 2
	5. Capitalization	19. Review of Homonyms, Synonyms and Antonyms
	6. Essay: Choice of Topic	20. Vocabulary Development: Word Pairs
	7. Abbreviations and Acronyms	21. Spelling Lesson 3: Difficult Word Pairs
	8. Numbers and Figures	22. Quiz 3: Correct Usage
	9. Spelling Lesson 1: General and Content Words	23. Spelling Quiz 3
	10. Quiz 1: Written Language	24. Unit 5 Special Project*
	11. Spelling Quiz 1	25. Test
	12. Spoken Language: Biblical Standards	26. Alternate Test*
	13. Project: Biblical Speech	27. Reference
	14. Speaking Qualities	

Unit 6: Language and Literature		
Assignments		
Language Arts 800	1. The Old English Period	14. Quiz 2: The Construction of Sentences
	2. The Old English Language and Literature	15. Spelling Quiz 2
	3. Report: Anglo-Saxon Culture/Literature	16. The Elements of Autobiography
	4. Middle English	17. Autobiographical Excerpt: Jesse Stuart
	5. Report: Geoffrey Chaucer	18. Autobiographical Excerpt: Admiral Byrd
	6. Spelling Lesson 1: -ance, -ence, -ense	19. Essay: Autobiography
	7. Quiz 1: The History of the English Language	20. Spelling Lesson 3: Vocabulary Words
	8. Spelling Quiz 1	21. Quiz 3: Cumulative
	9. Coordinating Conjunctions	22. Spelling Quiz 3
	10. Correlative Conjunctions/Conjunctive Adverbs	23. Project: Book Report: Biography*
	11. Subordinating Conjunctions/Adverb Clauses	24. Unit 6 Special Project*
	12. Relative Pronouns/Adjective Clauses; Phrases and Appositives	25. Test
	13. Spelling Lesson 2: Mispronounced Words	26. Alternate Test*
		27. Reference

Unit 7: Critical Reading and Paragraph Skills		
Assignments		
Language Arts 800	1. Critical Reading: Symbolism/Connotation	15. Spelling Quiz 2
	2. Critical Reading: Context/Directive Language	16. Writing a Composition: The Introduction
	3. Analyzing an Author's Credentials/Argument	17. Essay: Thesis Statement*
	4. Propaganda	18. Writing a Composition: The Body
	5. Spelling Lesson 1: Silent Letters	19. Writing a Composition: The Conclusion
	6. Quiz 1: Critical Reading	20. Writing a Composition: Proofreading
	7. Spelling Quiz 1	21. Essay: Analyzing an Argument
	8. Paragraph Structure	22. Spelling Lesson 3: Unaccented Syllables
	9. Essay: Paragraph Types	23. Quiz 3: Cumulative
	10. Organizing a Unified Paragraph	24. Spelling Quiz 3
	11. Paragraph Coherence/Transition Methods	25. Unit 7 Special Project*
	12. Essay: Paragraph Development	26. Test
	13. Spelling Lesson 2: Silent Letters	27. Alternate Test*
	14. Quiz 2: The Paragraph	28. Reference

Unit 8: Writing, Listening, and Reading		
Assignments		
Language Arts 800	1. Writing Business Letters	18. Quiz 2: Listening Skills/Nonverbal Communication
	2. Three Types of Business Letters	19. Spelling Quiz 2

3.	Project: Business Letters	20.	Distinguishing Between Fiction and Nonfiction
4.	Structure and Form of Personal Letters	21.	Evaluating the Reliability of Information
5.	Three Types of Personal Letters	22.	Report: Assessing Reliability
6.	Project: Personal Letters	23.	Sources of Information
7.	Spelling Lesson 1: General	24.	Reading the Newspaper
8.	Quiz 1: Writing Letters	25.	News Magazines/Other Nonfiction Resources
9.	Spelling Quiz 1	26.	Project: Newspaper Analysis
10.	Sound and Listening	27.	Spelling Lesson 3: General
11.	Listening for Literal Meaning	28.	Quiz 3: Cumulative
12.	Listening for Implied and Figurative Meaning	29.	Spelling Quiz 3
13.	Project: Figures of Speech	30.	Unit 8 Special Project*
14.	Identifying Nonverbal Clues	31.	Test
15.	Being a Good Listener	32.	Alternate Test*
16.	Project: Listening Skills	33.	Reference
17.	Spelling Lesson 2: General and Content Words		

Unit 9: The English Language				
Assignments				
Language Arts 800	1.	English is a Living Language	14.	Spelling Quiz 2
	2.	Etymology of English Words	15.	Organizing an Oral Report
	3.	English in the United States	16.	Developing an Oral Report
	4.	Project: Slang	17.	Using Language Appropriately
	5.	Spelling Lesson 1: General	18.	Effective Speaking Techniques
	6.	Quiz 1: The Changing Language	19.	Project: Oral Report
	7.	Spelling Quiz 1	20.	Spelling Lesson 3: Frequently Misspelled Words
	8.	Double Negatives	21.	Quiz 3: Cumulative
	9.	Dangling Modifiers	22.	Spelling Quiz 3
	10.	Shift in Person and Number	23.	Unit 9 Special Project*
	11.	Shift in Mood and Tense; S/V Agreement	24.	Test
	12.	Spelling Lesson 2: General	25.	Alternate Test*
	13.	Quiz 2: Grammar and History of English	26.	Reference

Unit 10: Review	
Assignments	
Language Arts 800	1. History of Language
	2. Grammar: Parts of Speech
	3. Punctuation and Capitalization
	4. Abbreviations, Apostrophes, and Hyphens
	5. Dictionary and Thesaurus
	6. Standard English Usage
	7. Common Sentence Errors
	8. Paragraphs
	9. Letters
	10. Compositions
	11. Essay: What Makes a Good Christian?
	12. Review Quiz 1: Language
	13. Review Spelling Lesson 1 and 2
	14. Spelling Quiz 1
	15. Communication: Unspoken Factors
	16. Communication: Spoken Factors
	17. Project: Interview a Friend
	18. Following Directions and Listening
	19. Review Quiz 2: Communication
	20. Review Spelling Lesson 3 and 4
	21. Spelling Quiz 2
	22. Reading: Word Parts
	23. Reading: Context Clues and Sequence
	24. Reading: Fact and Opinion, News Articles
	25. Reading: Essays and Autobiographies
	26. Project: Analyze a Formal Essay
	27. Report: Autobiography
	28. Review Quiz 3: Reading
	29. Review Spelling Lesson 5 and 6
	30. Essay: Short Story
	31. Spelling Quiz 3
	32. Unit 10 Special Project*
	33. Test
	34. Alternate Test*
	35. Reference

English I

English I continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to understand and appreciate poetry, drama, informative nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of drama, a novel, and selections from well-known poetry, and short stories.
- **Writing**—furthers students' understanding of sentence structures; reviews parts of speech and their types, including in-depth studies on verbs (transitive, intransitive, conjugation, tense, voice, mood); develops students' understanding of the types and functions of phrases and clauses; teaches language history and etymology to help students build on knowledge of word structures, including prefixes, roots, and suffixes; expands on students' vocabulary skills; reviews spelling skills; gives students the opportunity to develop their abilities in writing speeches, short essays, poetry, friendly/business letters, and short stories.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons.

Unit 1: The Structure of Language	
Assignments	
1. Course Overview	19. Indefinite and Collective Antecedents
2. Parts of Speech and Noun Types	20. Prepositions
3. Plural Nouns (1)	21. Frequently Misused Prepositions
4. Plural Nouns (2)	22. Conjunctions and Interjections
5. Plural Nouns (3)	23. Quiz 3: Pronouns, Prepositions, and Conjunctions
6. Plural Nouns (4)	24. Phrases
7. Possessive Nouns	25. Clauses
8. Adjectives	26. Sentence Parts
9. Adjectives: Comparison and Suffixes	27. Quiz 4: Sentence Elements
10. Quiz 1: Nouns and Adjectives	28. Documentation
11. Verbs: Principal Parts	29. Works Cited
12. Verbs: Tense, Voice, and Mood	30. Parenthetical Citation
13. Verb Conjugation	31. Documentation Review
14. Transitive and Intransitive Verbs	32. Special Project*
15. Adverbs	33. Test: Language Structure
16. Quiz 2: Verbs and Adverbs	34. Alternate Test: Language Structure*
17. Personal Pronouns	35. Reference
18. Types of Pronouns	

Unit 2: The Nature of Language		
Assignments		
English I	1. Origin of Language	8. Understanding Word Parts
	2. Project: Nonverbal Communication	9. Working with Word Parts
	3. Ancient Languages	10. Quiz 2: Word Parts
	4. Old English to Modern English	11. Special Project*
	5. Quiz 1: Language Development	12. Test: The Nature of Language
	6. Word Meanings	13. Alternate Test: The Nature of Language*
	7. Word Roots	14. Reference

Unit 3: Words and Writing		
Assignments		
English I	1. Using the Dictionary	9. Project: Outline
	2. Using Words Effectively	10. Essay: Short Essay
	3. Quiz 1: Vocabulary and Pronunciation	11. Quiz 3: Vocabulary and Sentence Structure
	4. Spelling: Pronunciation Techniques	12. Special Project*
	5. Mnemonics	13. Test: Words and Writing
	6. Quiz 2: Spelling and Pronunciation	14. Alternate Test: Words and Writing*
	7. Writing: Preparation	15. Reference
	8. Researching and Writing the Paper	

Unit 4: Paragraphs, Essays, and Research Reports		
Assignments		
English I	1. The Structure of a Paragraph	10. The Research Report
	2. Effective Transitions	11. Quiz 2: Research Reports
	3. The Structure of an Essay	12. Project: The Research Report
	4. Types of Essays	13. Special Project*
	5. Project: The Five Paragraph Essay	14. Test: Paragraphs, Essays, and Research Reports
	6. Quiz 1: Paragraphs and Essays	15. Alternate Test: Paragraphs, Essays, and Research Reports*
	7. The Thesis Statement	16. Reference
	8. The Outline	
	9. Researching and the Library	

Unit 5: Short Stories		
Assignments		
English I	1. The History of the Short Story	8. Drawing Inferences
	2. Short Story Fundamentals	9. The Gift of the Magi
	3. Imagery and Symbolism	10. Quiz 2: Short Story Comprehension
	4. Quiz 1: Short Story Fundamentals	11. Special Project*
	5. Biblical Stories	12. Test: Short Stories
	6. The Slip-Over Sweater	13. Alternate Test: Short Stories*
	7. Essay: Response to the Slip-Over Sweater	14. Reference

Unit 6: Structure and Meaning in Prose and Poetry		
Assignments		
English I	1. Understanding Author Purpose and Meaning	10. Figurative Reading: Language and Poetry
	2. Using Paragraph Structure to Find Meaning	11. Analytical Reading: Patterns in Poetry
	3. Using Visual Aids to Find Meaning	12. Quiz 3: Understanding and Enjoying Poetry
	4. Quiz 1: Reading for Purpose and Meaning	13. Special Project*
	5. Recognizing Author Appeal	14. Test: Structure and Meaning in Prose and Poetry
	6. Detecting Logical Fallacies	15. Alternate Test: Structure and Meaning in Prose and Poetry*
	7. Quiz 2: Reading Persuasion	16. Reference
	8. Literal Reading: Surface Meaning in Poetry	
	9. Symbolic Reading: Symbols in Poetry	

Unit 7: Communication		
Assignments		
English I	1. Speaking	9. Project: Informal Letter
	2. Giving a Speech	10. Project: Business Letter
	3. Project: Speech	11. Quiz 3: Letter Writing
	4. Project: Effective Oral Reading*	12. Special Project*
	5. Quiz 1: Speaking	13. Test: Communication
	6. Listening	14. Alternate Test: Communication*
	7. Quiz 2: Listening	15. Reference
	8. Letter Writing	

Unit 8: Drama		
Assignments		
English I	1. The History of Drama	9. Essay: Miracle Worker
	2. Elements of Drama	10. Essay: The Asylum
	3. Dramatic Devices	11. Quiz 2: The Miracle Worker
	4. Essay: Parable*	12. Special Project*
	5. Quiz 1: Drama	13. Test: Drama
	6. The Miracle Worker (Act 1)	14. Alternate Test: Drama*
	7. The Miracle Worker (Act 2)	15. Reference
	8. The Miracle Worker (Act 3)	

Unit 9: Studies in The Novel		
Assignments		
English I	1. The Novel	11. Quiz 2: Twenty Thousand Leagues
	2. Subject Matter	12. The Critical Essay
	3. Types of Novels	13. Essay: Lost Continent
	4. Modes of Writing the Novel	14. Essay: Critique*
	5. Quiz 1: The Novel	15. Quiz 3: The Critical Essay
	6. Twenty Thousand Leagues Under the Sea	16. Special Project*
	7. Plot and Perspective	17. Test: Studies in the Novel
	8. Episodes	18. Alternate Test: Studies in the Novel*
	9. Plot Function	19. Reference
	10. Essay: Twenty Thousand Leagues	

Unit 10: Review	
Assignments	
English I	1. Structure
	2. Plural Nouns
	3. Adjectives
	4. Verbs and Adverbs
	5. Pronouns, Prepositions, Phrases, and Clauses
	6. Quiz 1: Structure
	7. The Skills of Writing
	8. The Skills of Speaking
	9. Quiz 2: Communication
	10. Library Skills and Visual Aids
	11. Determining the Author's Message
	12. Quiz 3: Reading and Research
	13. Special Project*
	14. Test: Review
	15. Alternate Test: Review*
	16. Reference

English II

English II continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to comprehend and appreciate poetry, drama, nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of the allegory *Everyman* and Sheldon's *In His Steps*, as well as selections of and excerpts from well-known poetry and short stories.
- **Writing**—develops students' understanding of complex sentence and paragraph structures, providing hands-on experience with connectives, transitions, phrases, and clauses; teaches language history and etymology to help students build on knowledge of grammar and word structures; expands on students' vocabulary skills; gives students the opportunity to develop their abilities in writing a set of instructions, a literary critique, a poem, a short story, and a speech.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving the skills throughout the course.
- **Listening**—teaches effective listening comprehension skills, integrating these throughout the lessons.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Unit 1: Language Structure	
Assignments	
1. Course Overview	16. Pronoun/Antecedent Agreement
2. Forming Noun Plurals (1)	17. Pronoun Reference
3. Forming Noun Plurals (2)	18. Adjective Clauses
4. Forming Noun Plurals (3)	19. Adverb Clauses
5. Forming Noun Plurals (4)	20. Noun Clauses
6. Forming Noun Plurals (5)	21. Quiz 3: Clauses and Pronoun Reference
7. Understanding Suffixes	22. Documentation
8. Adding Suffixes	23. Works Cited
9. Word Use and Suffixes	24. Parenthetical Citation
10. Quiz 1: Noun Plurals and Suffixes	25. Documentation Review
11. Relative and Interrogative Pronouns	26. Special Project*
12. Demonstrative and Indefinite Pronouns	27. Test: Language Structure
13. Personal Pronouns	28. Alternate Test: Language Structure*
14. Gender and Case in Pronouns	29. Reference
15. Quiz 2: Pronouns	

Unit 2: Writing Effective Sentences		
Assignments		
English II	1. Principal Parts and Participles	11. Quiz 2: Phrases
	2. Participles	12. Simple Sentences
	3. Infinitives	13. Compound Sentences
	4. Gerunds	14. Complex Sentences
	5. Quiz 1: Verbals	15. Essay: Effective Writing
	6. Adjective Phrases	16. Quiz 3: Sentences
	7. Adverb Phrases	17. Special Project*
	8. Appositive Phrases and Direct Address	18. Test: Writing Effective Sentences
	9. Participial and Gerund Phrases	19. Alternate Test: Writing Effective Sentences*
	10. Infinitive Phrases	20. Reference

Unit 3: Writing and Reading Skills		
Assignments		
English II	1. Elements of the Sentence	17. Project: Analyzing Expository Writing
	2. Elements of the Paragraph	18. Understanding Relationships
	3. Connectives and Transitions	19. Essay: Logic
	4. Essay: Using Connectives*	20. Essay: Expository Essay*
	5. Development of Paragraphs	21. Quiz 3: Reading Skills
	6. Essay: Paragraphs	22. Value, Nature, and Role of Oral Reading
	7. Essay: Using Change of Focus*	23. Skills of Oral Reading
	8. Quiz 1: Sentences and Paragraphs	24. Preparation for Oral Reading
	9. Exposition: Instructions	25. Project: Oral Reading*
	10. Project: How-to Evaluation	26. Project: Abridged Reading*
	11. Essay: How-to	27. Quiz 4: Oral Reading
	12. Exposition: Events, Ideas, and Biography	28. Special Project*
	13. Essay: Biography*	29. Test: Writing and Reading Skills
	14. Quiz 2: Elements of Exposition	30. Alternate Test: Writing and Reading Skills*
	15. Recognizing Main Ideas	31. Reference
	16. Advanced Reading Skills	

Unit 4: Speaking and Listening		
Assignments		
English II	1. Selecting and Limiting a Topic	10. Critical Listening
	2. Choosing the Language (1)	11. Essay: Taking Notes
	3. Choosing the Language (2)	12. Essay: Commercials*
	4. Essay: Writing a Speech	13. Quiz 2: Critical Listening
	5. The Speech	14. Special Project*
	6. Project: Giving the Speech*	15. Test: Speaking and Listening
	7. Quiz 1: Speaking	16. Alternate Test: Speaking and Listening*
	8. The Nature of Listening	17. Reference
	9. Listening for Main Ideas	

Unit 5: The Development of English		
Assignments		
English II	1. Changes in Language	18. Elizabethan English and the Age of Reason
	2. Changes in Vocabulary	19. Colonization of America
	3. Changes in Meaning	20. Westward Movement/Industrial Revolution
	4. Etymology	21. Quiz 3: The Development of English
	5. History of Words	22. Varieties of English: American and British
	6. Project: Names	23. American Regional Dialects
	7. Connotations and Propaganda	24. Essay: Varieties
	8. Project: Identifying Propaganda*	25. Nonstandard and Standard English
	9. Quiz 1: Etymology	26. Project: Advertising*
	10. Changes in Pronunciation and Spelling	27. Essay: Newspaper
	11. Morphemes	28. Essay: Future Language*
	12. Inflections	29. Quiz 4: Varieties of English
	13. Syntax and Word Relationships	30. Special Project*
	14. Quiz 2: Changes in Language	31. Test: The Development of English
	15. Angles and Saxons	32. Alternate Test: The Development of English*
	16. Norman Invasion	33. Reference
	17. The Renaissance	

Unit 6: The Short Story		
Assignments		
English II	1. Short Story Elements	12. Essay: Critique
	2. Celebrated Jumping Frog of Calaveras County	13. Quiz 2: Writing About Literature
	3. The Lady, or the Tiger?	14. Writing a Short Story
	4. Essay: The Lady, or the Tiger?*	15. Project: Preparing a Short Story
	5. The Necklace	16. Essay: Writing a Short Story
	6. Essay: The Necklace	17. Quiz 3: Using Writing Skills
	7. Quiz 1: Short Story Elements	18. Special Project*
	8. Writing About Literature	19. Test: The Short Story
	9. Project: Outline	20. Alternate Test: The Short Story*
	10. Writing a Literary Critique	21. Reference
	11. Project: Preparing a Critique	

Unit 7: Studies in the Novel		
Assignments		
English II	1. Development of the Novel	11. Essay: Raymond
	2. Drama and the Novel	12. Quiz 2: In His Steps
	3. The Novelist and His Novel	13. The Critical Essay
	4. The Novelist and His Selection	14. Essay: Preparing the Review
	5. The Novelist and His Limits	15. Essay: Writing the Review
	6. The Novelist: His Values and Detachment	16. Quiz 3: The Critical Essay
	7. Quiz 1: The Novelist and the Novel	17. Special Project*
	8. Novel and Plot	18. Test: Studies in the Novel
	9. Character, Symbol, and Mood	19. Alternate Test: Studies in the Novel*
	10. Essay: Maxwell*	20. Reference

Unit 8: Drama		
Assignments		
English II	1. Greek Drama	11. Everyman: Virtues (670-787)
	2. Roman Drama and Dramatic Elements	12. Everyman: Virtues Lost (788-861)
	3. Quiz 1: Understanding Drama	13. Everyman: Epilogue (862-922)
	4. Oral Interpretation and Christian Drama	14. Essay: Everyman
	5. Everyman: Prologue (1-203)	15. Quiz 2: Everyman
	6. Everyman: Fellowship (204-316)	16. Special Project*
	7. Everyman: Kindred and Cousin (317-390)	17. Test: Drama
	8. Everyman: Goods (391-462)	18. Alternate Test: Drama*
	9. Everyman: Good Deeds (463-521)	19. Reference
	10. Everyman: Knowledge and Confession (522-670)	

Unit 9: Poetry		
Assignments		
English II	1. Poetic Form and Rhyme	8. Project: Poem Analysis
	2. Meter and Diction	9. Project: Writing a Poem
	3. Imagery and Figurative Language	10. Quiz 2: Poetic Meaning
	4. Figurative Language and Sound Effects	11. Special Project*
	5. Quiz 1: Elements of Poetry	12. Test: Poetry
	6. Literal Meaning	13. Alternate Test: Poetry*
	7. Figurative and Symbolic Meaning	14. Reference

Unit 10: Review		
Assignments		
English II	1. The Development of English	19. Project: Cutting
	2. English Usage	20. Listening to a Speech
	3. Noun Plurals	21. Essay: Evaluating*
	4. Suffixes	22. Quiz 2: Speaking and Listening
	5. Verbals and Phrases	23. Reading for Meaning
	6. Subordinate Clauses	24. Reading and Experiencing Poetry
	7. Pronouns	25. Interpreting Poetry
	8. Sentence Types	26. Reading Drama
	9. Organizing Paragraphs	27. Everyman
	10. Project: Paragraph	28. Short Story Elements
	11. Punctuating Ideas	29. Reading Short Stories
	12. Writing Compositions	30. Reading a Novel
	13. Essay: Critique	31. Essay: In His Steps*
	14. Quiz 1: English and Writing	32. Quiz 3: Literature
	15. Preparing a Speech	33. Special Project*
	16. Writing and Delivering a Speech	34. Test: Review
	17. Project: Speech*	35. Alternate Test: Review*
	18. Reading Literature to an Audience	36. Reference

English III

English III continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, nonfiction, poetry, and drama; discusses common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through readings of Thornton Wilder's *Our Town* (play) and Lee's *To Kill a Mockingbird* as well as selections of and excerpts from well-known poetry and nonfiction pieces.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence construction errors and methods for avoiding them; provides practice in standard and nonstandard English, as well as specialized language use; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, personal essays, poetry, and research papers.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Unit 1: Learning and Using Standard English		
Assignments		
English III	1. Course Overview	14. Informational Texts
	2. Acquiring a Language	15. Literary Texts
	3. Essay: Natural Language and Standard English	16. Essay: Writing Across Standard English
	4. Learning a Standard	17. Quiz 3: Varieties of Written Standard English
	5. Levels of Usage	18. Documentation
	6. Essay: Levels of Standard English	19. Works Cited
	7. Quiz 1: Why Standard English?	20. Parenthetical Citation
	8. Making a Dictionary	21. Documentation Review
	9. Anatomy of a Dictionary	22. Special Project*
	10. Project: Dictionary Comparison	23. Test: Learning and Using Standard English
	11. Quiz 2: Dictionaries: Guardians of the Standard	24. Alternate Test: Learning and Using Standard English*
	12. Types of Written Standard English	25. Reference
	13. Technical Texts	

Unit 2: Sentence Elements		
Assignments		
English III	1. Clauses	11. Verbals: Infinitives
	2. Adverb Clauses and Adjective Clauses	12. Combining Verbals
	3. Noun Clauses	13. Appositives
	4. Project: Writing Subordinate Clauses	14. Project: Verbals and Appositives
	5. Project: Subordinate Clauses*	15. Quiz 2: Verbals and Appositives
	6. Project: Relative Pronouns*	16. Special Project*
	7. Quiz 1: Clauses	17. Test: Sentence Elements
	8. Verbals: Gerunds	18. Alternate Test: Sentence Elements*
	9. Verbals: Participles	19. Reference
	10. Project: Writing with Verbals	

Unit 3: Clear Connections: A Writing Workshop		
Assignments		
English III	1. Nouns and Pronouns	10. Using Modifiers Correctly
	2. Jobs Personal Pronouns Do	11. Using Parallel Structure

3.	Other Types of Pronouns	12.	Essay: Clear Connections in Action
4.	Quiz 1: Understanding Pronouns	13.	Quiz 3: Writing Strong Sentences
5.	Pronoun Case (Part 1)	14.	Special Project*
6.	Pronoun Case (Part 2)	15.	Test: Sentence Workshop
7.	Pronoun Reference	16.	Alternate Test: Sentence Workshop*
8.	Pronoun Agreement	17.	Reference
9.	Quiz 2: Using Pronouns		

Unit 4: Meaning and Main Ideas				
Assignments				
English III	1.	Greek Prefixes	11.	Quiz 2: Word Meanings and Pronunciation
	2.	Latin Prefixes	12.	Finding the Main Idea
	3.	Greek Roots	13.	Quiz 3: Main Ideas
	4.	Project: Greek Roots	14.	Analyzing a Textbook
	5.	Latin Roots	15.	Essay: Outline and Essay
	6.	Project: Latin Roots	16.	Quiz 4: Analyzing a Textbook
	7.	Quiz 1: Prefixes and Roots	17.	Special Project*
	8.	Context Clues	18.	Test: Meaning and Main Ideas
	9.	Project: Using Context Clues	19.	Alternate Test: Meaning and Main Ideas*
	10.	Diacritical Marking	20.	Reference

Unit 5: Poetry				
Assignments				
English III	1.	Measurement in Poetry	13.	Project: Prose Paraphrase
	2.	Essay: Response to ANNABEL LEE	14.	Project: Prose Paraphrase*
	3.	Meter and Metrical Sets	15.	The Experience of Love
	4.	Project: The Meter of a Poem*	16.	Project: Society and Young People
	5.	Musical Effects: Rhyme	17.	Quiz 2: Poetic Themes
	6.	Other Musical Effects	18.	Imagery and Connotation
	7.	Form in Poetry	19.	Essay: Writing a Poem
	8.	Essay: Narrative and Lyric Poetry	20.	Quiz 3: Imagery and Connotation
	9.	Project: Sonnet	21.	Special Project*
	10.	Quiz 1: Structure of Poetry	22.	Test: Poetry
	11.	Universality and the Experience of Faith	23.	Alternate Test: Poetry*
	12.	The Experience of Faith (cont.)	24.	Reference

Unit 6: Nonfiction		
Assignments		
English III	1. Elements of Nonfiction	14. Nonfiction Topics for Reading
	2. Project: Survey*	15. Other Nonfiction Topics for Reading
	3. Exposition	16. Approaches to Nonfiction
	4. Description	17. Project: Outline
	5. Essay: Descriptive Essay	18. Essay: Illustrative Composition
	6. Quiz 1: Elements of Nonfiction	19. Essay: Analytical Paper*
	7. Essays and Sermons	20. Essay: Argumentative Paper*
	8. Diaries, Journals, and Letters	21. Quiz 3: Nonfiction Topics
	9. Project: Journal*	22. Special Project*
	10. Biography and Autobiography	23. Test: Nonfiction
	11. Periodicals	24. Alternate Test: Nonfiction*
	12. Project: Analyzing an Editorial	25. Reference
	13. Quiz 2: Types of Nonfiction	

Unit 7: American Drama		
Assignments		
English III	1. The Development of Drama	10. Essay: My Town
	2. Drama in America	11. Essay: My Town, Personal Experience*
	3. Quiz 1: The Development of Drama	12. OUR TOWN: Act III
	4. The Art of Drama	13. Essay: Critical Essay - OUR TOWN
	5. The Structure and Reading of a Play	14. Quiz 3: Our Town
	6. Quiz 2: The Art of Drama	15. Special Project*
	7. Wilder's OUR TOWN	16. Test: American Drama
	8. OUR TOWN: Act I	17. Alternate Test: American Drama*
	9. OUR TOWN: Act II	18. Reference

Unit 8: The American Novel		
Assignments		
English III	1. The American Novel	13. To Kill a Mockingbird 20-25
	2. Cooper and Hawthorne	14. To Kill a Mockingbird 26-31
	3. Essay: Nathaniel Hawthorne	15. The Critical Essay
	4. Nineteenth Century Novelists	16. Writing the Critical Essay
	5. Twentieth Century Novelists	17. Project: Preparing an Interpretive Essay
	6. Quiz 1: Survey of American Novels	18. Essay: Interpretive Essay
	7. To Kill a Mockingbird-Introduction	19. Quiz 3: To Kill a Mockingbird
	8. To Kill a Mockingbird 6-11	20. Special Project*
	9. Essay: Character Description	21. Test: The American Novel
	10. Quiz 2: To Kill a Mockingbird	22. Alternate Test: The American Novel*
	11. To Kill a Mockingbird 12-15	23. Reference
	12. To Kill a Mockingbird 16-19	

Unit 9: Research		
Assignments		
English III	1. The Investigative Process	11. Outlining the Paper
	2. Choosing Your Subject	12. Project: Outline
	3. Quiz 1: The Investigative Process	13. Using Sources and Transitions
	4. Locating Sources and Taking Notes	14. Writing and Revising
	5. Using Note Cards*	15. Essay: Research Paper
	6. Formulating a Thesis	16. Quiz 3: The Composition
	7. Thesis Statement	17. Special Project*
	8. Quiz 2: Gathering Information	18. Test: Research
	9. Keeping it Relevant	19. Alternate Test: Research*
	10. Revised Thesis	20. Reference

Unit 10: Review		
Assignments		
English III	1. Context Clues and Word Parts	13. American Drama
	2. Dictionary Skills	14. Elements of Poetry
	3. Quiz 1: Analyzing Written Words	15. American Poetry
	4. Clauses and Sentence Types	16. Early American Novels
	5. Phrases	17. 20th Century Novels
	6. Avoiding Sentence Errors	18. Essay: To Kill a Mockingbird*
	7. Quiz 2: Writing Effective Sentences	19. Nonfiction
	8. Writing Expository Prose	20. Quiz 4: American Literature
	9. Essay: Expository Essay	21. Special Project*
	10. Research Papers	22. Test: Review
	11. Critical Analysis	23. Alternate Test: Review*
	12. Quiz 3: Expository Prose	24. Reference

English IV

English IV continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, poetry, and drama, including discussion of common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through English literary history, including readings of Shakespeare's *Hamlet*, Milton's *Paradise Lost*, *Beowulf*, Bunyan's *The Pilgrim's Progress*, and other selections of and excerpts from major English literary figures.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence and paragraph construction errors and methods for avoiding them; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, poetry, short stories, and expository prose.
- **Listening**—teaches effective listening comprehension skills, weaving these throughout the lessons; builds upon students' study skills as well as helps them to become reliable and efficient note takers.
- **Special Topics**- incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Unit 1: The Worth of Words	
Assignments	
1. Course Overview	15. Dangling Modifiers and Parallelism
2. Roots and Affixes	16. Errors in Reference, Agreement, and Logic
3. Word Elements	17. Diction
4. Jargon and Acronyms	18. Essay: Writing a Longer Essay
5. Quiz 1: Word Study	19. Quiz 3: Sentence Structure
6. Expository Writing	20. Documentation
7. Paragraph Structure	21. Works Cited
8. Essay: Writing a Paragraph	22. Parenthetical Citation
9. Coherence and Consistency in Writing	23. Documentation Review
10. Mechanics	24. Special Project*
11. Spelling	25. Test: The Worth of Words
12. Additional Spelling Drill*	26. Alternate Test: The Worth of Words*
13. Quiz 2: Expository Writing	27. Reference
14. Sentence Structure	

Unit 2: The Structure of Language		
Assignments		
English IV	1. Nouns and Pronouns	10. Gerunds and Infinitives
	2. Verbs and Verb Phrases	11. Adverb and Adjective Clauses
	3. Other Parts of Speech	12. Noun Clauses
	4. Quiz 1: Parts of Speech	13. Project: Variety in Writing
	5. The Structure of Sentences	14. Quiz 3: Methods of Subordination
	6. The Parts of the Sentence	15. Special Project*
	7. Project: Sentence Patterns	16. Test: The Structure of Language
	8. Quiz 2: Sentence Structure	17. Alternate Test: The Structure of Language*
	9. Methods of Subordination: Participles	18. Reference

Unit 3: Reading and Research		
Assignments		
English IV	1. Word Recognition: Drill One	11. Project: Web Search Projects*
	2. Identifying Main Ideas	12. Phrase Recognition: Drill Five
	3. Word Recognition: Drill Two	13. Taking Effective Notes
	4. Opinions, Implications, and Inferences	14. Project: Writing a Paper from Notes
	5. Essay: Using Details in Writing	15. Quiz 2
	6. Quiz 1: Reading for Comprehension	16. Special Project*
	7. Phrase Recognition: Drill Three	17. Test: Reading and Research
	8. Finding Information in the Library	18. Alternate Test: Reading and Research*
	9. Word Meaning: Drill Four	19. Reference
	10. Finding Information on the Internet	

Unit 4: Language, God's Gift to Man		
Assignments		
English IV	1. Origin of Language	8. Project: Semantics and Advertising
	2. Quiz 1: Origin of Language	9. Project: Levels of Usage and Meaning
	3. Grammar	10. Quiz 3: Semantics
	4. Structural Grammar	11. Special Project*
	5. Generative Grammar	12. Test: Language
	6. Quiz 2: Grammar	13. Alternate Test: Language*
	7. Semantics	14. Reference

Unit 5: Medieval English Literature		
Assignments		
English IV	1. Early England	13. 14th Century Writers; Chaucer
	2. Old English	14. Chaucer's Language
	3. The Epic and Beowulf	15. Canterbury Tales
	4. Project: Kennings*	16. Essay: Character Study
	5. Project: Beowulf*	17. Essay: Modern Pilgrimage*
	6. Elegies, Riddles, and Gnomes	18. The Nun's Priest's Tale
	7. Essay: The Elegies	19. Response to The Nun's Priest's Tale
	8. Quiz 1: Old English	20. Quiz 3: Fourteenth Century Literature
	9. English Literature (1066-1400)	21. Special Project*
	10. Project: Ballad*	22. Test: Medieval English Literature
	11. Essay: 13th C. Literary Forms*	23. Alternate Test: Medieval English Literature*
	12. Quiz 2: Early Middle English	24. Reference

Unit 6: Elizabethan Literature		
Assignments		
English IV	1. Elizabethan Songs	13. Hamlet: Act III
	2. Elizabethan Sonnets: Sidney	14. Hamlet: Act IV

	3. Sonnets: Spenser, Shakespeare, and Donne	15. Hamlet: Act V
	4. Translations and Prose	16. Quiz 3: Hamlet
	5. Essay: Elizabethan Literature*	17. The Critical Essay
	6. Quiz 1: Elizabethan Poetry and Prose	18. Project: Preparing the Critical Essay
	7. Elizabethan Drama	19. Essay: Writing the Critical Essay
	8. William Shakespeare	20. Quiz 4: The Critical Essay
	9. Quiz 2: Elizabethan Drama	21. Special Project*
	10. Hamlet: Act I, i-ii	22. Test: Elizabethan Literature
	11. Hamlet: Act I, iii-v	23. Alternate Test: Elizabethan Literature*
	12. Hamlet: Act II	24. Reference

Unit 7: 17th- and 18th-Century English Literature		
English IV	Assignments	
	1. The Historical Background of the Literature	11. Samuel Johnson
	2. John Milton	12. Oliver Goldsmith
	3. On the Morning of Christ's Nativity	13. Essay: Swift and Goldsmith
	4. Paradise Lost: Book I	14. Quiz 3: Johnson and Goldsmith
	5. Paradise Lost: Book VII, Book XII	15. Special Project*
	6. John Bunyan	16. Test: 17th- and 18th-Century English Literature
	7. Quiz 1: Milton and Bunyan	17. Alternate Test: 17th- and 18th-Century English Literature*
	8. Alexander Pope	18. Reference
	9. Jonathan Swift	
	10. Quiz 2: Pope and Swift	

Unit 8: Romantic and Victorian Poetry		
English IV	Assignments	
	1. Romantic Revolution	13. Quiz 2: The Romantic Poets
	2. Poetic Revolution	14. Victorian Variety
	3. Quiz 1: The Romantic Age	15. Essay: Queen Victoria
	4. Romantic Poets: Wordsworth	16. Alfred, Lord Tennyson
	5. William Wordsworth: Other Poems	17. Essay: Views of Nature
	6. Essay: Lessons from Nature	18. Robert and Elizabeth Barrett Browning
	7. Samuel Taylor Coleridge	19. Gerard Manley Hopkins
	8. George Gordon, Lord Byron	20. Quiz 3: The Victorian Poets
	9. Essay: Response to Guilt	21. Special Project*
	10. Percy Bysshe Shelley	22. Test: Romantic and Victorian Poetry
	11. John Keats	23. Alternate Test: Romantic and Victorian Poetry*
12. Essay: John Constable*	24. Reference	

Unit 9: Creative Writing	
Assignments	
English IV	1. Fiction
	2. Poetry
	3. Quiz 1: Fiction and Poetry
	4. Writing the Short Story
	5. Project: Journal*
	6. Project: Writing Descriptions
	7. Project: Character Sketch
	8. Narration and Style
	9. Essay: Inventing Characters*
	10. Essay: Writing a Short Story
	11. Quiz 2: Writing the Short Story
12. Writing the Poem	
13. Project: Using Personification*	
14. Project: Writing A Poem	
15. Project: Writing Free Verse	
16. Project: Writing a Limerick*	
17. Quiz 3: Writing Poetry	
18. Special Project*	
19. Test: Creative Writing	
20. Alternate Test: Creative Writing*	
21. Reference	

Unit 10: Review	
Assignments	
English IV	1. Origin and Form of Words
	2. Grammar and Semantics
	3. Reading and Literature Types
	4. Expository Writing
	5. Project: Expository Paragraph
	6. Sentence Structure
	7. Sentence Errors
	8. Essay: Expository Essay*
	9. Creative Writing
	10. Quiz 1: Language
	11. Medieval English Literature
	12. Beowulf and Medieval English History
	13. Middle English Literature
	14. The Canterbury Tales
15. Elizabethan Literature	
16. Elizabethan Drama	
17. Hamlet	
18. Quiz 2: The Middle Ages and Renaissance	
19. Seventeenth-Century Puritan Literature	
20. Satire, Sense, and Sensibility	
21. Romantic Poetry	
22. The Victorian Era	
23. Quiz 3: 17th-19th-Century English Literature	
24. Special Project*	
25. Test: Review	
26. Alternate Test: Review*	
27. Reference	

Mathematics

Mathematics 300

Math 300 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, learning how to apply these in measurement situations. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Understand place value and know how to compare and order numbers.
- Perform addition and subtraction, carrying and borrowing on whole numbers.
- Know basic multiplication facts.
- Understand representations in fraction and mixed number forms.
- Understand concepts of likelihood and basic probability.
- Understand concepts of shape, symmetry, and perimeter.
- Understand measurement concepts, including time and temperature.
- Understand representations using decimals and money.

Unit 1: Whole Numbers	
Assignments	
Mathematics 300	1. Course Overview
	2. Patterns: Digits and Number Words
	3. Place Value
	4. Single-Digit Addition
	5. Single-Digit Subtraction
	6. Addition Problems
	7. Subtraction Problems
	8. Quiz 1
	9. Numbers on a Number Line
	10. Pattern for Expanded Notation
	11. Adding Multi-Digit Numbers
	12. Quiz 2
	13. Subtracting 3-Digit Numbers
	14. Measurement
	15. Operation Symbols
	16. Quiz 3
	17. Adding with Carrying
	18. Cardinal and Ordinal Numbers
	19. Standard Measurement for Time
	20. Calendar Time
	21. Quiz 4
	22. Unit Concept Review 1
	23. Unit Concept Review 2
	24. Practice: Addition and Subtraction
	25. Quiz 5
	26. Special Project*
	27. Review Game
	28. Test
	29. Alternate Test*
	30. Reference

Unit 2: Number Patterns		
Assignments		
Mathematics 300	1. Family of Facts	14. Money
	2. Adding Ones, Tens, and Hundreds	15. Review: Borrowing
	3. Subtracting Ones, Tens, and Hundreds	16. Addition: Checking Answers
	4. Quiz 1	17. Subtraction: Checking Answers
	5. Place Value and Number Words	18. Quiz 4
	6. Addition with Carrying	19. Review: Number Order and Place Value
	7. Skip Counting and Number Words	20. Review: Addition and Subtraction Facts
	8. Quiz 2	21. Quiz 5
	9. Skip Counting and Addition with Carrying	22. Special Project*
	10. Fractions	23. Review Game
	11. Subtracting with Borrowing	24. Test
	12. Quiz 3	25. Alternate Test*
	13. Shapes	26. Reference

Unit 3: Whole Numbers and Fractions		
Assignments		
Mathematics 300	1. Fact Families, Mental Math, and Addition	15. Fractions - Continued
	2. Column Addition	16. Addition Practice
	3. Addition: With and Without Carrying	17. Time: AM and PM
	4. Quiz 1	18. Quiz 4
	5. Measurements: Weight and Volume	19. Review: Addition, Subtraction, and Money
	6. Fact Family, Place Value, and Number Order	20. Review: Story Problems, Lines, Shapes, and Measurement
	7. Checking Addition Problems	21. Quiz 5
	8. More Checking Addition Problems	22. Special Project*
	9. Quiz 2	23. Review Game
	10. Subtraction with Borrowing	24. Test
	11. Number Sentences and Symbols	25. Alternate Test*
	12. Subtraction with Borrowing and Checking	26. Reference
	13. Quiz 3	
	14. Fractions	

Unit 4: Place Value		
Assignments		
Mathematics 300	1. Numbers to Thousands Place	13. Roman Numerals
	2. Addition and Skip Counting	14. Review: Subtraction with Borrowing
	3. Quiz 1	15. Quiz 4
	4. Rounding and Estimation	16. Review: Fractions
	5. Subtraction with Borrowing	17. Review: Word Problems and Money
	6. Measurement	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Number Words and Place Value	20. Review Game
	9. Number Patterns	21. Test
	10. Addition and Subtraction: Horizontal Form	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Adding and Subtracting Fractions	

Unit 5: Measurement, Shapes, and Review	
Assignments	
Mathematics 300	1. Operation Symbols and Number Sense
	2. Multi-Digit Addition and Subtraction
	3. Cardinal and Ordinal Numbers
	4. Quiz 1
	5. Number Patterns Using Place Value
	6. Measuring Temperature
	7. Quiz 2
	8. Operation Symbols
	9. Shapes and Symmetry
	10. Rounding and Estimating
	11. Finding Perimeter
	12. Quiz 3
	13. Multi-Digit Addition and Subtraction
	14. Odd and Even Numbers
	15. Review: Checking Addition
	16. Review: Checking Subtraction
	17. Review: Roman Numerals and Fractions
	18. Quiz 4
	19. Review: Multiple Concepts
	20. Review: Story Problems
	21. Quiz 5
	22. Special Project*
	23. Review Game
	24. Test
	25. Alternate Test*
	26. Reference

Unit 6: Multiplication, Addition, and Subtraction	
Assignments	
Mathematics 300	1. Multi-Digit Addition
	2. Skip Counting and Multiplication
	3. Review: Telling Time
	4. Quiz 1
	5. Review: Subtraction
	6. Perimeter and Area
	7. Review: Fractions
	8. Quiz 2
	9. Addition and Equivalent Fractions
	10. Money Computation and Roman Numerals
	11. Quiz 3
	12. Multiplication
	13. Lines, Angles, and Temperature
	14. Review: Addition and Subtraction
	15. Quiz 4
	16. Story Problems
	17. Multiple Concept Review
	18. Review: Calendar
	19. Quiz 5
	20. Special Project*
	21. Review Game
	22. Test
	23. Alternate Test*
	24. Reference

Unit 7: Operations, Likelihood, and Probability	
Assignments	
Mathematics 300	1. Review: Place Value
	2. Review: Subtraction with Borrowing
	3. Multiplication Facts (1)
	4. Quiz 1
	5. Measurement
	6. Practicing Subtraction with Borrowing
	7. Mixed Numbers
	8. Quiz 2
	9. Review: Expanded Notation and Roman Numerals
	10. Probability and Likelihood
	11. Math Facts
	12. Symmetry
	13. Quiz 3
	14. Review: Money
	15. Multiplication Facts (2)
	16. Quiz 4
	17. Multiple Concept Review
	18. Quiz 5
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

Unit 8: Measurement, Fractions, and Decimals		
Assignments		
Mathematics 300	1. Shapes, Measurement, and Addition	12. Multiple Concept Practice
	2. Time and Measurement	13. Review: Addition with Checking
	3. Quiz 1	14. Quiz 4
	4. Fractions, Odd and Even Number Patterns	15. Word Problems
	5. Decimals	16. Using Graphs
	6. Money Problems	17. Quiz 5
	7. Quiz 2	18. Special Project*
	8. Fractions, Place Value, and Measurement	19. Review Game
	9. Directions	20. Test
	10. Quiz 3	21. Alternate Test*
	11. Multiplication Facts	22. Reference

Unit 9: Review: Multiple Concepts		
Assignments		
Mathematics 300	1. How Numbers Work	13. Quiz 3
	2. Math Facts	14. Symmetry and Shapes
	3. Add/Subtract with Checking	15. Roman Numerals
	4. Multiplication	16. Quiz 4
	5. Quiz 1	17. Likelihood and Graphing
	6. Equivalent Fractions	18. Problem Solving
	7. Reading and Writing Fractions	19. Quiz 5
	8. Fraction Computation	20. Special Project*
	9. Quiz 2	21. Review Game
	10. Measure: Length, Perimeter, and Area	22. Test
	11. Measure: Money, Time, and Temperature	23. Alternate Test*
	12. Measure: Weight and Volume	24. Reference

Unit 10: Basic Math Review		
Assignments		
Mathematics 300	1. Review: Rounding and Estimation	13. Review: Shapes and Symmetry
	2. Review: Adding Fractions	14. Review: Roman Numerals
	3. Review: Subtracting Fractions	15. Review: Measurement
	4. Review: Multiplication Facts	16. Quiz 4
	5. Quiz 1	17. Review: Number Symbols and Grouping
	6. Review: Mental Math, Graphs, Likelihood	18. Review: Perimeter and Area
	7. Review: Addition and Subtraction Computation	19. Review: Problem Solving
	8. Quiz 2	20. Quiz 5
	9. Review: Fractions and Decimals	21. Special Project*
	10. Review: Add and Subtract Mixed Numbers and Fractions	22. Review Game
	11. Review: Finding Missing Numbers	23. Test
	12. Quiz 3	24. Alternate Test*
		25. Reference

Mathematics 400

Math 400 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, teaches measurement skills, and introduces students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers.
- Compare and order numbers, using place value and rounding.
- Add and subtract fractions and decimals.
- Understand measurement concepts, including the metric system.
- Calculate perimeters and areas of regular plane shapes.
- Represent data on varied statistical charts.

Unit 1: Number Sense and Place Value	
Assignments	
Mathematics 400	1. Course Overview
	2. Place Value to 1,000s
	3. Single-Digit Addition
	4. Single-Digit Subtraction
	5. Multi-Digit Addition
	6. Multi-Digit Subtraction
	7. Review Place Value to 1,000s
	8. Quiz 1
	9. Multiplication Facts
	10. Family of Facts
	11. Telling Time
	12. Quiz 2
	13. Number Words
	14. Patterns
	15. Cardinal and Ordinal Numbers
16. Quiz 3	
17. Reading and Writing Fractions	
18. Practice Multiplication	
19. Counting Money	
20. Operations	
21. Quiz 4	
22. Review: Numbers	
23. Story Problems	
24. Quiz 5	
25. Special Project*	
26. Review Game	
27. Test	
28. Alternate Test*	
29. Reference	

Unit 2: Rounding and Estimation		
Assignments		
Mathematics 400	1. Operations	15. Equivalent Fractions
	2. Multiplication Facts: 6-10 and Review	16. Rounding Numbers to 100s
	3. Using Standard Measures	17. Estimating Answers to 100s
	4. Quiz 1	18. Review: Computation
	5. Place Value to 10,000s	19. Quiz 4
	6. Relation Symbols	20. Review: Bar Graphs and Fractions
	7. Missing Number Equations	21. Review: Fractions
	8. Review: Even and Odd Numbers	22. Quiz 5
	9. Quiz 2	23. Special Project*
	10. Adding and Subtracting Fractions	24. Review Game
	11. Rounding Numbers to 10s	25. Test
	12. Estimating Answers to 10s	26. Alternate Test*
	13. Review: Math Symbols	27. Reference
	14. Quiz 3	

Unit 3: Whole Numbers and Fractions		
Assignments		
Mathematics 400	1. Place Value	15. Quiz 3
	2. Rounding Numbers to 10s, 100s, and 1,000s	16. Equivalent Fractions
	3. Multiply with Carrying to 10s	17. Learn Numbers to 100,000s
	4. Multiplication Practice	18. Equations
	5. Quiz 1	19. Quiz 4
	6. Multi-Digit Addition and Subtraction	20. Reading and Solving Story Problems
	7. Rounding and Estimating	21. Line Graphs
	8. Fractions Equal to Whole Numbers	22. Quiz 5
	9. Quiz 2	23. Special Project*
	10. Estimate Answers to 1,000s	24. Review Game
	11. Relation Symbols	25. Test
	12. Fractions	26. Alternate Test*
	13. Add and Subtract to 10,000s	27. Reference
	14. Check Your Answers	

Unit 4: Lines and Shapes		
Assignments		
Mathematics 400	1. Plane and Solid Shapes	12. Missing Number Problems
	2. Quiz 1	13. Review: Operation and Relation Symbols
	3. Practice Addition and Subtraction	14. Quiz 4
	4. Place Value and Rounding	15. Review: Expanded Notation and Estimation
	5. Multiply with Carrying to 100s	16. Review: Fractions and Place Value
	6. Quiz 2	17. Quiz 5
	7. Lines, Segments, End Points, Rays, Angles	18. Special Project*
	8. Lines, Directions, and Maps	19. Review Game
	9. Quiz 3	20. Test
	10. Review: Plane and Solid Shapes	21. Alternate Test*
	11. Fractions	22. Reference

Unit 5: Division and Measurement	
Assignments	
Mathematics 400	1. Introduction to Division
	2. Multiplication
	3. Addition and Subtraction
	4. Review: Time and Number Sense
	5. Quiz 1
	6. Linear Measurement
	7. Capacity (Dry and Liquid Measurement)
	8. Division Facts
	9. Review: Multiplication
	10. Quiz 2
	11. Reading a Calendar
	12. Perimeter and Area
	13. Finding Perimeter and Area
	14. Quiz 3
	15. Missing Number Problems
	16. Division Practice
	17. Roman Numerals
	18. Review: Regrouping
	19. Quiz 4
	20. Patterns
	21. Quiz 5
	22. Special Project*
	23. Review Game
	24. Test
	25. Alternate Test*
	26. Reference

Unit 6: Multiplication and Fractions	
Assignments	
Mathematics 400	1. Prime and Composite Numbers
	2. Multiples
	3. Division with Remainders
	4. Quiz 1
	5. Equations and Grouping
	6. Proper and Improper Fractions
	7. Quiz 2
	8. Multiplication Facts For 11 and 12
	9. Fractions and Mixed Numbers
	10. Review: Division and Roman Numerals
	11. Quiz 3
	12. Measurements
	13. Equivalent Fractions
	14. Review: Rounding and Shapes
	15. Quiz 4
	16. Factors and Multiples
	17. Problem Solving with Equations
	18. Quiz 5
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

Unit 7: Fractions and Patterns	
Assignments	
Mathematics 400	1. Multiplication and Division
	2. Factors, Multiples, and Variables
	3. Fractions
	4. Quiz 1
	5. Multiplication and Fractions
	6. Average and Number Rules
	7. Review: Measurement and Place Value
	8. Quiz 2
	9. Fractions
	10. Missing Number Problems
	11. Quiz 3
	12. Rounding Numbers and Place Value
	13. Review: Shapes, Perimeter, and Area
	14. Fractions and Patterns
	15. Practice: Operations and Money
	16. Quiz 4
	17. Review: Cardinal and Ordinal Numbers
	18. Quiz 5
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

Unit 8: Division and Fractions		
Assignments		
Mathematics 400	1. Factoring and Place Value	13. Fractions
	2. Review: Two-Digit Multiplication	14. Review: Time
	3. Fractions	15. Quiz 4
	4. Quiz 1	16. Review: Operations and Rounding
	5. Division	17. Review: Roman Numerals, Measurement, and Symbols
	6. Fractions	18. Quiz 5
	7. Missing Number Problems	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Multiplication	21. Test
	10. Division	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. The Metric System	

Unit 9: Decimals and Fractions		
Assignments		
Mathematics 400	1. Decimals	13. Mixed Numbers
	2. Money	14. Sensible Answers
	3. Multiplication of Whole Numbers	15. Quiz 4
	4. Quiz 1	16. Review: Fractions
	5. Ordered Pairs	17. Review
	6. Division and Averages	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Add and Subtract Decimals	20. Review Game
	9. Fractions with Different Denominators	21. Test
	10. Equivalent Fractions and Decimals	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Multiply and Divide	

Unit 10: Graphing and Review		
Assignments		
Mathematics 400	1. Data Collection and Random Sampling	11. Quiz 3
	2. Project: Collecting Data	12. Sizes, Shapes, and Measurements
	3. Project: Predicting Data	13. Word Problems and Equations
	4. Graphs	14. Quiz 4
	5. Quiz 1	15. Special Project*
	6. Whole Numbers	16. Review Game
	7. Decimal Numbers	17. Test
	8. Quiz 2	18. Alternate Test*
	9. Problem Solving with Fractions	19. Reference
	10. Fractions	

Mathematics 500

Math 500 is a full-year elementary math course focusing on number skills, mathematical literacy, and geometric concepts. Students will gain solid experience with number theory and operations, including whole numbers, decimals, and fractions. In addition, students will develop their understanding of measurement and two- and three- dimensional figures. This course also integrates mathematical practices throughout the units, as well as introducing students to algebraic, statistical, and probability concepts.

In this course, students will be taught the following:

Place Value, Addition, and Subtraction

- Adding and subtracting of decimals and fractions
- Comparing and ordering whole numbers
- Determining rules for number patterns
- Mental math
- Rounding and estimating

Multiplying Whole Numbers and Decimals

- Estimating whole number products
- Multiplying decimals
- Multiplying whole numbers
- Properties of multiplication

Dividing Whole Numbers and Decimals

- Dividing with money
- Dividing whole numbers and decimals
- Estimating quotients
- Interpreting remainders

Algebra and Graphing

- Coordinate plane
- Expressions
- Graphing functions
- Integers
- Numerical patterns in tables and graphs
- Order of operations
- Scatterplots

Measurement

- Capacity
- Density
- Length
- Mass
- Time and temperature
- The Metric System
- Weight

Factors and Fractions

- Comparing fractions and decimals
- Equivalent fractions
- Factors
- Fractions
- Greatest Common Factor/Least Common Multiple
- Improper fractions and mixed numbers
- Prime factorization
- Rounding fractions
- Simplifying fractions

Fraction Operations

- Adding and subtracting fractions
- Adding and subtracting mixed numbers
- Estimating sums and differences
- Multiplying mixed numbers
- Multiplying whole numbers and fractions

Data Analysis and Probability

- Bar/Line Graphs
- Choosing the right graph
- Collecting data and frequency tables
- Line plots
- Listing outcomes
- Making predictions
- Measures of central tendency
- Probability
- Stem-and-Leaf plots

Geometry

- Angles
- Circles
- Geometry terms
- Polygons
- Quadrilaterals
- Making predictions
- Similar and congruent figures
- Solid figures
- Symmetry
- Transformations
- Triangles

Perimeter, Area, and Volume

- Perimeter, Area, and Volume
- Area
- Circumference
- Parallelograms
- Polygons
- Regular polygons
- Squares and rectangles
- Surface area
- Triangles
- Volume

Financial Literacy

- Exploring your finances

Unit 1: Place Value, Addition, and Subtraction	
Assignments	
Mathematics 500	1. Course Overview
	2. Whole Number Place Value
	3. Comparing and Ordering Whole Numbers
	4. Decimal Number Place Value
	5. Comparing and Ordering Decimal Numbers
	6. Quiz: Place Value
	7. Alternate Quiz - Form A: Place Value*
	8. Alternate Quiz - Form B: Place Value*
	9. Rounding Whole Numbers and Decimals
	10. Estimating Sums and Differences
	11. Add and Subtract Mentally
	12. Quiz: Rounding and Estimating
	13. Alternate Quiz - Form A: Rounding and Estimating*
	14. Alternate Quiz – Form B: Rounding and Estimating*
	15. Adding and Subtracting Whole Numbers
16. Adding Decimal Numbers	
17. Determining Rules to Generate Number Patterns	
18. Subtracting Decimal Numbers	
19. Exploring Your Finances	
20. Project: Logical Reasoning	
21. Quiz: Addition and Subtraction	
22. Alternate Quiz - Form A: Addition and Subtraction*	
23. Alternate Quiz - Form B: Addition and Subtraction*	
24. Special Project*	
25. Review	
26. Test	
27. Alternate Test - Form A*	
28. Alternate Test - Form B*	
29. Glossary and Credits	

Unit 2: Multiplying Whole Numbers and Decimals	
Assignments	
Mathematics 500	1. Estimating Whole Number Products
	2. Properties of Multiplication
	3. Multiplying Whole Numbers
	4. Quiz: Multiplying Whole Numbers
	5. Alternate Quiz —Form A: Multiplying Whole Numbers*
	6. Alternate Quiz —Form B: Multiplying Whole Numbers*
	7. Exponents
	8. Multiplying Whole Numbers by Powers of Ten
	9. Project: How Much is a Million
	10. Multiplying Decimals by Powers of Ten
	11. Quiz: Powers
	12. Alternate Quiz —Form A: Powers*
	13. Alternate Quiz —Form B: Powers*
	14. Estimating Decimal Products
	15. Multiplying Whole Numbers by Decimals
	16. Multiplying Decimals by Decimals
	17. Solving Multiplication Problems
	18. Quiz: Multiplying Decimal Numbers
	19. Alternate Quiz —Form A: Multiplying Decimal Numbers*
	20. Alternate Quiz —Form B: Multiplying Decimal Numbers*
	21. Special Project*
	22. Review
	23. Test
	24. Alternate Test—Form A*
	25. Alternate Test—Form B *
	26. Glossary and Credits

Unit 3: Dividing Whole Numbers and Decimals	
Assignments	
Mathematics 500	1. Understanding Division
	2. Estimating Quotients
	3. Dividing Whole Numbers
	4. Remainders
	5. Quiz: One-Digit Divisors
	6. Alternate Quiz —Form A: One-Digit Divisors*
	7. Alternate Quiz —Form B: One-Digit Divisors*
	8. Dividing by Multiples of Ten
	9. Dividing Whole Numbers I
	10. Dividing Whole Numbers II
	11. Interpreting the Remainder
	12. Quiz: Two-Digit Divisors
	13. Alternate Quiz —Form A: Two-Digit Divisors*
	14. Alternate Quiz —Form B: Two-Digit Divisors*
	15. Dividing by Powers of Ten
	16. Dividing Decimals by Whole Numbers
	17. Dividing with Money
	18. Quiz : Decimal Division
	19. Alternate Quiz —Form A: Decimal Division*
	20. Alternate Quiz —Form B: Decimal Division*
	21. Special Project*
	22. Review
	23. Test
	24. Alternate Test—Form A*
	25. Alternate Test—Form B*
	26. Glossary and Credits

Unit 4: Algebra and Graphing	
Assignments	
Mathematics 500	1. Addition and Subtraction Expressions
	2. Multiplication and Division Expressions
	3. The Order of Operations
	4. Quiz: Expressions
	5. Alternate Quiz —Form A: Expressions*
	6. Alternate Quiz —Form B: Expressions*
	7. Addition and Subtraction Equations
	8. Multiplication Equations
	9. Functions
	10. Numerical Patterns
	11. Project: Patterns
	12. Quiz: Patterns, Functions, and Equations
	13. Alternate Quiz —Form A: Patterns, Functions, and Equations*
	14. Alternate Quiz —Form B: Patterns, Functions, and Equations*
15. The Coordinate Plane	
16. Graphing Functions	
17. Interpreting Graphs	
18. Scatterplots	
19. Numerical Patterns in a Table/Graph	
20. Integers	
21. Quiz: Graphing	
22. Alternate Quiz —Form A: Graphing*	
23. Alternate Quiz —Form B: Graphing*	
24. Special Project*	
25. Review	
26. Test	
27. Alternate Test—Form A*	
28. Alternate Test—Form B*	
29. Glossary and Credits	

Unit 5: Measurement	
Assignments	
Mathematics 500	1. The Metric System
	2. Length
	3. Mass
	4. Capacity
	5. Quiz: The Metric System
	6. Alternate Quiz —Form A: The Metric System*
	7. Alternate Quiz —Form B: The Metric System*
	8. Length
	9. Weight
	10. Capacity
	11. Project: Density
	12. Quiz: The Customary System
	13. Alternate Quiz —Form A: The Customary System*
14. Alternate Quiz —Form B: The Customary System*	
15. Time	
16. Elapsed Time	
17. Temperature	
18. Quiz : Time and Temperature	
19. Alternate Quiz —Form A: Time and Temperature*	
20. Alternate Quiz —Form B: Time and Temperature*	
21. Special Project*	
22. Review	
23. Test	
24. Alternate Test—Form A*	
25. Alternate Test—Form B*	
26. Glossary and Credits	

Unit 6: Factors and Fractions	
Assignments	
Mathematics 500	1. Factors
	2. Prime Factorization
	3. Greatest Common Factor
	4. Quiz: Factors
	5. Alternate Quiz —Form A: Factors*
	6. Alternate Quiz —Form B: Factors*
	7. Fractions
	8. Improper Fractions and Mixed Numbers
	9. Simplifying Fractions
	10. Equivalent Fractions
	11. Quiz: Equivalent Fractions
	12. Alternate Quiz —Form A: Equivalent Fractions*
	13. Alternate Quiz —Form B: Equivalent Fractions*
14. Least Common Multiple	
15. Comparing Fractions	
16. Fractions and Decimals	
17. Rounding Fractions	
18. Quiz: Fractions	
19. Alternate Quiz —Form A: Fractions*	
20. Alternate Quiz —Form B: Fractions*	
21. Special Project*	
22. Review	
23. Test	
24. Alternate Test—Form A*	
25. Alternate Test—Form B*	
26. Glossary and Credits	

Unit 7: Fraction Operations	
Assignments	
Mathematics 500	1. Adding and Subtracting Fractions
	2. Adding and Subtracting Mixed Numbers
	15. Multiplying Fractions
	16. Multiplying Mixed Numbers

Mathematics 500	<ol style="list-style-type: none"> 3. Estimating Sums and Differences 4. Quiz: Like Denominators 5. Alternate Quiz—Form A: Like Denominators* 6. Alternate Quiz —Form B: Like Denominators* 7. Adding Fractions 8. Subtracting Fractions 9. Adding Mixed Numbers 10. Subtracting Mixed Numbers 11. Quiz: Unlike Denominators 12. Alternate Quiz —Form A: Unlike Denominators* 13. Alternate Quiz —Form B: Unlike Denominators* 14. Multiplying Whole Numbers and Fractions 	<ol style="list-style-type: none"> 17. Dividing Fractions 18. Quiz : Multiplying and Dividing Fractions 19. Alternate Quiz —Form A: Multiplying and Dividing Fractions* 20. Alternate Quiz —Form B: Multiplying and Dividing Fractions* 21. Special Project* 22. Review 23. Test 24. Alternate Test—Form A* 25. Alternate Test—Form B* 26. Glossary and Credits
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Unit 8: Data Analysis and Probability		
Assignments		
Mathematics 500	<ol style="list-style-type: none"> 1. Collecting Data and Frequency Tables 2. Measures of Central Tendency 3. Line Plots 4. Stem-and-Leaf Plots 5. Quiz: Collecting and Analyzing Data 6. Alternate Quiz —Form A: Collecting and Analyzing Data* 7. Alternate Quiz —Form B: Collecting and Analyzing Data* 8. Bar Graphs 9. Line Graphs 10. Choosing the Right Graph 11. Quiz: Displaying Data 12. Alternate Quiz —Form A: Displaying Data* 	<ol style="list-style-type: none"> 13. Alternate Quiz —Form B: Displaying Data* 14. Probability 15. Probability as a Fraction 16. Listing Outcomes 17. Making Predictions 18. Quiz : Probability 19. Alternate Quiz —Form A: Probability* 20. Alternate Quiz —Form B: Probability* 21. Special Project* 22. Review 23. Test 24. Alternate Test—Form A* 25. Alternate Test—Form B* 26. Glossary and Credits

Unit 9: Geometry		
Assignments		
Mathematics 500	<ol style="list-style-type: none"> 1. Geometry Terms 2. Angles 3. Circles 4. Quiz: Geometry 5. Alternate Quiz —Form A: Geometry* 6. Alternate Quiz —Form B: Geometry* 7. Polygons 8. Triangles 9. Quadrilaterals 10. Solid Figures 11. Quiz : Classifying Plane and Solid Figures 12. Alternate Quiz —Form A: Classifying Plane and Solid Figures* 13. Alternate Quiz —Form B: Classifying Plane and Solid Figures* 	<ol style="list-style-type: none"> 14. Similar and Congruent Figures 15. Transformations 16. Symmetry 17. Project: Constructions 18. Quiz : Transformations and Symmetry 19. Alternate Quiz —Form A: Transformations and Symmetry* 20. Alternate Quiz —Form B: Transformations and Symmetry* 21. Special Project* 22. Review 23. Test 24. Alternate Test—Form A* 25. Alternate Test—Form B* 26. Glossary and Credits

Unit 10: Perimeter, Area, and Volume		
Assignments		
Mathematics 500	<ol style="list-style-type: none"> 1. Polygons 2. Regular Polygons 3. Circumference 4. Quiz - Perimeter 5. Alternate Quiz - Form A: Perimeter* 6. Alternate Quiz - Form B: Perimeter* 7. Area 	<ol style="list-style-type: none"> 14. Surface Area 15. Volume 16. Solving Volume Problems 17. Project: Solid Figures 18. Quiz - Solid Figures 19. Alternate Quiz - Form A: Solid Figures* 20. Alternate Quiz - Form B: Solid Figures*

8.	Squares and Rectangles	21.	Special Project*
9.	Parallelograms	22.	Review
10.	Triangles	23.	Test
11.	Quiz - Area	24.	Alternate Test - Form A*
12.	Alternate Quiz - Form A: Area*	25.	Alternate Test - Form B*
13.	Alternate Quiz - Form B: Area*	26.	Glossary and Credits

Unit 11: Course Review and Exam				
Math 500	Assignments			
	1.	Course Review 1	4.	Alternate Exam - Form A*
	2.	Course Review 2	5.	Alternate Exam - Form B*
	3.	Exam		

Mathematics 600 Fundamentals

Math 600 Fundamentals is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to the number skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical and probability concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers, decimals, and fractions.
- Factor numbers completely and find greatest common factors.
- Convert between fractions, decimals, and percentages.
- Represent numbers with exponents.
- Calculate perimeters and areas of regular plane shapes and measure angles.
- Plot ordered pairs on coordinate grids.
- Represent data on statistical charts, including picture, bar, line, and circle graphs.
- Calculate probabilities and make predictions.

Unit 1: Whole Numbers and Algebra	
Assignments	
Mathematics 600 Fundamentals	1. Course Overview
	2. Rounding and Estimation
	3. Whole Number Operations
	4. Real Number Properties
	5. Quiz 1: Whole Numbers and Their Properties
	6. Alternate Quiz 1: Form A: Whole Numbers and
	7. Their Properties*
	8. Alternate Quiz 1: Form B: Whole Numbers and
	9. Their Properties*
	10. Exponents
	11. Squares, Cubes, and Roots
	12. Order of Operations
	13. Number Patterns
	14. Quiz 2: Operations and Number Patterns
	15. Alternate Quiz 2: Form A: Operations and Number
	16. Patterns*
	17. Alternate Quiz 2: Form B: Operations and Number
	18. Patterns*
	19. Variables
	20. Expressions
	21. Variable Expressions
	22. Equations and Mental Math
	23. Quiz 3: Algebra
	24. Alternate Quiz 3: Form A: Algebra*
	25. Alternate Quiz 3: Form B: Algebra*
	26. Special Project*
	27. Review
28. Test	
29. Alternate Test: Form A*	
30. Alternate Test: Form B*	
31. Glossary and Credits	

Unit 2: Data Analysis	
Assignments	
Mathematics 600 Fundamentals	1. Collecting Data and the Mean
	2. Median, Mode, and Range
	3. Describing Data
	4. Quiz 1: Collecting and Describing Data
	5. Alternate Quiz 1: Form A: Collecting and Describing
	6. Data*
	7. Alternate Quiz 1: Form B: Collecting and Describing
	8. Data*
	9. Frequency Tables
	10. Histograms
	11. Line Plots
	12. Stem-and-Leaf Plots
	13. Quiz 2: Organizing Data
	14. Alternate Quiz 2: Form A: Organizing Data*
	15. Alternate Quiz 2: Form B: Organizing Data*
14. Bar Graphs	
Line Graphs	
15. Venn Diagrams	
16. Vertex-Edge Graphs	
17. Quiz 3: Displaying and Interpreting Data	
18. Alternate Quiz 3: Form A: Displaying and	
Interpreting Data*	
20. Alternate Quiz 3: Form B: Displaying and	
Interpreting Data*	
21. Interpreting Data*	
22. Special Project*	
23. Review	
24. Test	
25. Alternate Test: Form A*	
26. Alternate Test: Form B*	
27. Glossary and Credits	

Unit 3: Decimals	
Assignments	
Mathematics 600 Fundamentals	1. Decimals and Place Value
	2. Ordering and Comparing
	3. Rounding and Estimating
	4. Adding and Subtracting
	5. Quiz 1: Decimal Numbers
	6. Alternate Quiz 1: Form A: Decimal Numbers*
	7. Alternate Quiz 1: Form B: Decimal Numbers*
	8. Multiplying by Whole Numbers
	9. Multiplying by Decimals
	10. Dividing by Whole Numbers
	11. Dividing by Decimals
	12. Quiz 2: Multiplying and Dividing Decimal Numbers
	13. Alternate Quiz 2: Form A: Multiplying and Dividing Decimal Numbers*
	14. Alternate Quiz 2: Form B: Multiplying and Dividing Decimals and Place Value
15. Length	
16. Mass and Capacity	
17. Multiplying and Dividing by Powers of Ten	
18. Converting Metric Units	
19. Quiz 3: The Metric System	
20. Alternate Quiz 3: Form A: The Metric System*	
21. Alternate Quiz 3: Form B: The Metric System*	
22. Special Project*	
23. Review	
24. Test	
25. Alternate Test: Form A*	
26. Alternate Test: Form B*	
27. Glossary and Credits	

Unit 4: Fractions	
Assignments	
Mathematics 600 Fundamentals	1. Divisibility and Prime Factorization
	2. Greatest Common Factor
	3. Fractions
	4. Equivalent Fractions
	5. Quiz 1: Factors and Fractions
	6. Alternate Quiz 1: Form A: Factors and Fractions*
	7. Alternate Quiz 1: Form B: Factors and Fractions*
	8. Least Common Multiple
	9. Comparing and Ordering Fractions
	10. Improper Fractions and Mixed Numbers
	11. Quiz 2: The LCM and Fractions
	12. Alternate Quiz 2: Form A: The LCM and Fractions*
	13. Alternate Quiz 2: Form B: The LCM and Fractions*
14. Changing Decimals to Fractions	
15. Changing Fractions to Decimals	
16. Estimating with Fractions	
17. Measures of Time	
18. Quiz 3: Decimals and Fractions	
19. Alternate Quiz 3: Form A: Decimals and Fractions*	
20. Alternate Quiz 3: Form B: Decimals and Fractions*	
21. Special Project*	
22. Review	
23. Test	
24. Alternate Test: Form A*	
25. Alternate Test: Form B*	
26. Glossary and Credits	

Unit 5: Fraction Operations	
Assignments	
Mathematics 600	1. Fractions with Like Denominators
	2. Fractions with Unlike Denominators
	14. Alternate Quiz 2: Form B: Multiplying and Dividing Fractions*

Mathematics 600 Fundamentals	3. Mixed Numbers	15. Length
	4. Renaming Mixed Numbers	16. Weight
	5. Quiz 1: Adding and Subtracting Fractions	17. Capacity
	6. Alternate Quiz 1: Form A: Adding and Subtracting Fractions*	18. Quiz 3: The Customary System
	7. Alternate Quiz 1: Form B: Adding and Subtracting Fractions*	19. Alternate Quiz 3: Form A: The Customary System*
	8. Multiplying Fractions	20. Alternate Quiz 3: Form B: The Customary System*
	9. Multiplying Mixed Numbers	21. Special Project*
	10. Dividing Fractions	22. Review
	11. Dividing Mixed Numbers	23. Test
	12. Quiz 2: Multiplying and Dividing Fractions	24. Alternate Test: Form A*
	13. Alternate Quiz 2: Form A: Multiplying and Dividing Fractions*	25. Alternate Test: Form B*
		26. Glossary and Credits

Unit 6: Ratio, Proportion, and Percent		
Assignments		
Mathematics 600 Fundamentals	1. Ratios	14. Converting Between Decimals and Percents
	2. Geometry: Circumference	15. Converting Between Fractions and Percents
	3. Rates	16. Data Analysis: Circle Graphs
	4. Quiz 1: Ratios	17. Percent of a Number
	5. Alternate Quiz 1: Form A: Ratios*	18. Quiz 3: Percent
	6. Alternate Quiz 1: Form B: Ratios*	19. Alternate Quiz 3: Form A: Percent*
	7. Proportions	20. Alternate Quiz 3: Form B: Percent*
	8. Solving Proportions	21. Special Project*
	9. Scale Drawings	22. Review
	10. Project: Make a Scale Drawing	23. Test
	11. Quiz 2: Proportions	24. Alternate Test: Form A*
	12. Alternate Quiz 2: Form A: Proportions*	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form B: Proportions*	26. Glossary and Credits

Unit 7: Probability and Geometry		
Assignments		
Mathematics 600 Fundamentals	1. Introduction to Probability	14. Triangles
	2. Complementary Events	15. Quadrilaterals
	3. Sample Space	16. Polygons
	4. Project: Theoretical vs. Experimental Probability	17. Congruent and Similar Figures
	5. Quiz 1: Probability	18. Quiz 3: Geometry: Polygons
	6. Alternate Quiz 1: Form A: Probability*	19. Alternate Quiz 3: Form A: Geometry: Polygons*
	7. Alternate Quiz 1: Form B: Probability*	20. Alternate Quiz 3: Form B: Geometry: Polygons*
	8. Introduction to Geometry	21. Special Project*
	9. Measuring and Classifying Angles	22. Review
	10. Angle Relationships	23. Test
	11. Quiz 2: Geometry: Angles	24. Alternate Test: Form A*
	12. Alternate Quiz 2: Form A: Geometry: Angles*	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form B: Geometry: Angles*	26. Glossary and Credits

Unit 8: Geometry and Measurement		
Assignments		
Mathematics 600 Fundamentals	1. Perimeter	13. Finding Missing Dimensions
	2. Area of Parallelograms	14. Project: Triangular Prisms
	3. Area of Triangles	15. Quiz 2: Solid Figures
	4. Area of Composite Figures	16. Alternate Quiz 2: Form A: Solid Figures*
	5. Area of Circles	17. Alternate Quiz 2: Form B: Solid Figures*
	6. Project: Estimating Area	18. Special Project*
	7. Quiz 1: Plane Figures	19. Review

8.	Alternate Quiz 1: Form A: Plane Figures*	20.	Test
9.	Alternate Quiz 1: Form B: Plane Figures*	21.	Alternate Test: Form A*
10.	Solid Figures	22.	Alternate Test: Form B*
11.	Surface Area of Rectangular Prisms	23.	Glossary and Credits
12.	Volume of Rectangular Prisms		

Unit 9: Integers and Transformations				
Assignments				
Mathematics 600 Fundamentals	1.	Integers	14.	Alternate Quiz 2: Form B: Integer Operations*
	2.	Comparing and Ordering Integers	15.	Translations
	3.	Absolute Value	16.	Reflections and Rotations
	4.	Coordinate Plane	17.	Line Symmetry
	5.	Quiz 1: Integers	18.	Quiz 3: Transformations
	6.	Alternate Quiz 1: Form A: Integers*	19.	Alternate Quiz 3: Form A: Transformations*
	7.	Alternate Quiz 1: Form B: Integers*	20.	Alternate Quiz 3: Form B: Transformations*
	8.	Addition	21.	Special Project*
	9.	Subtraction	22.	Review
	10.	Multiplication	23.	Test
	11.	Division	24.	Alternate Test: Form A*
	12.	Quiz 2: Integer Operations	25.	Alternate Test: Form B*
	13.	Alternate Quiz 2: Form A: Integer Operations*	26.	Glossary and Credits

Unit 10: Equations and Functions		
Assignments		
Mathematics 600 Fundamentals	1. Equations	14. Alternate Quiz 2: Form B: More Equations and Inequalities*
	2. Writing Equations	15. Functions
	3. Addition Equations	16. Function Rules
	4. Subtraction Equations	17. Graphing Functions
	5. Quiz 1: Equations	18. Quiz 3: Functions
	6. Alternate Quiz 1: Form A: Equations*	19. Alternate Quiz 3: Form A: Functions*
	7. Alternate Quiz 1: Form B: Equations*	20. Alternate Quiz 3: Form B: Functions*
	8. Multiplication Equations	21. Special Project*
	9. Division Equations	22. Review
	10. Inequalities	23. Test
	11. Graphing Inequalities	24. Alternate Test: Form A*
	12. Quiz 2: More Equations and Inequalities	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form A: More Equations and Inequalities*	26. Glossary and Credits

Unit 11: Course Review and Exam		
Assignments		
M600F	1. Course Review 1	4. Alternate Exam: Form A*
	2. Course Review 2	5. Alternate Exam: Form B*
	3. Exam	

Mathematics 600

Math 600 is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to rational numbers and the skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates ratio relationships and proportional reasoning throughout the units, as well as introduces students to geometric and statistical concepts.

- **Unit 1:** Identify, compare, and calculate problems with decimal numbers.
- **Unit 2:** Identify, reduce, compare, and represent fractions.
- **Unit 3:** Use division to solve problems involving fractions.
- **Unit 4:** Use ratios to solve problems, interpret data, and make comparisons.
- **Unit 5:** Use rates and percentages to solve problems.
- **Unit 6:** Calculate the measurements of geometric shapes.
- **Unit 7:** Identify and use rational numbers and their opposites.
- **Unit 8:** Identify, use, and compare expressions.
- **Unit 9:** Translate, write, and solve equations involving addition, subtraction, multiplication, and division.
- **Unit 10:** Interpret and describe data presented in various graphs.
- **Unit 11:** Review skills and concepts from throughout the course.

Unit 1: Decimals		
Assignments		
Mathematics 600	1. Course Overview	16. Dividing
	2. Decimals and Place Value	17. Dividing by Whole Numbers
	3. Comparing and Ordering Decimals	18. Multiplying and Dividing by Powers of Ten
	4. Rounding and Estimating	19. Dividing by Decimals
	5. Adding and Subtracting	20. Converting Metric Units
	6. Quiz - Decimal Numbers	21. Project: Decimals Performance Task B
	7. Alternate Quiz - Form A: Decimal Numbers*	22. Quiz: Dividing, Powers of Ten, and Metric Units
	8. Alternate Quiz - Form B: Decimal Numbers*	23. Alternate Quiz—Form A: Dividing, Powers of Ten, and Metric Units
	9. The Distributive Property and Multiplying	24. and Metric Units
	10. Multiplying by Whole Numbers	25. Alternate Quiz—Form B: Dividing, Powers of Ten, and Metric Units
	11. Multiplying by Decimals	26. and Metric Units
	12. Project: Decimals Performance Task A	27. Special Project*
	13. Quiz: Multiplying Whole Numbers and Decimals	28. Review
	14. Alternate Quiz —Form A: Multiplying Whole Numbers and Decimals*	29. Test
	15. Alternate Quiz —Form B: Multiplying Whole Numbers and Decimals*	30. Alternate Test - Form A*
		31. Alternate Test - Form B*
		32. Glossary and Credits

Unit 2: Fractions		
Assignments		
Mathematics 600	1. Divisibility and Prime Factorization	16. Estimating with Fractions
	2. Greatest Common Factor	17. Multiplying Fractions

Mathematics 600	3. Fractions	18. Multiplying Mixed Numbers
	4. Equivalent Fractions	19. Project: Fractions Performance Task B
	5. Quiz: Factors and Fractions	20. Quiz: Estimating and Multiplying Fractions
	6. Alternate Quiz—Form A: Factors and Fractions*	21. Alternate Quiz—Form A: Estimating and Multiplying Fractions*
	7. Alternate Quiz—Form B: Factors and Fractions*	22. Alternate Quiz—Form B: Estimating and Multiplying Fractions*
	8. Least Common Multiple	23. Special Project*
	9. Project: Fractions Performance Task A	24. Review
	10. Comparing and Ordering Fractions	25. Test
	11. Improper Fractions and Mixed Numbers	26. Alternate Test—Form A*
	12. Fractions and Decimals	27. Alternate Test—Form B*
	13. Quiz: The LCM and Fractions	28. Glossary and Credits
	14. Alternate Quiz—Form A: The LCM and Fractions*	
	15. Alternate Quiz—Form B: The LCM and Fractions*	

Unit 3: Dividing Fractions		
Assignments		
Mathematics 600	1. Dividing with Unit Fractions	12. Project: Dividing Fractions Performance Task B
	2. Dividing Whole Numbers by Fractions	13. Quiz: Dividing Fractions Using an Equation
	3. Dividing Fractions by Whole Numbers	14. Alternate Quiz—Form A: Dividing Fractions Using an Equation*
	4. Dividing Fractions by Fractions	15. Alternate Quiz—Form B: Dividing Fractions Using an Equation*
	5. Project: Dividing Fractions Performance Task A	16. Special Project*
	6. Quiz: Dividing with Fractions Using a Visual Model	17. Review
	7. Alternate Quiz—Form A: Dividing with Fractions Using a Visual Model*	18. Test
	8. Alternate Quiz—Form B: Dividing with Fractions Using a Visual Model*	19. Alternate Test—Form A*
	9. Dividing Fractions	20. Alternate Test—Form B*
	10. Dividing Mixed Numbers	21. Glossary and Credits
	11. Division in Real Life	

Unit 4: Ratios		
Assignments		
Mathematics 600	1. Ratios	12. Equations
	2. Equivalent Ratios	13. Project: Ratios Performance Task B
	3. Solving Ratio Problems	14. Quiz: Using the Value of a Ratio
	4. More Ratio Problems	15. Alternate Quiz—Form A: Using the Value of a Ratio*
	5. Project: Ratios Performance Task A	16. Alternate Quiz—Form B: Using the Value of a Ratio*
	6. Quiz: Introduction to Ratios	17. Special Project*
	7. Alternate Quiz—Form A: Introduction to Ratios*	18. Review
	8. Alternate Quiz—Form B: Introduction to Ratios*	19. Test
	9. The Value of a Ratio	20. Alternate Test—Form A*
	10. Comparing Ratios	21. Alternate Test—Form B*
	11. Double Number Lines	22. Glossary and Credits

Unit 5: Rates and Percent		
Assignments		
Mathematics 600	1. Rates	15. Percents and Decimals
	2. Rates and Ratios	16. Percent of a Number
	3. Solving Rate Problems	17. Solving Percent Problems
	4. Quiz: Rates	18. Project: Job, Salary, and Lifetime Income
	5. Alternate Quiz—Form A: Rates*	19. Project: Rates and Percent Performance Task B
	6. Alternate Quiz—Form B: Rates*	20. Quiz: Percents
	7. Converting Measurement	21. Alternate Quiz—Form A: Percents*
	8. Comparison Shopping	22. Alternate Quiz—Form B: Percents*
	9. Speed and Work Problems	23. Special Project*
	10. Project: Rates and Percent Performance Task A	24. Review
	11. Quiz: Applying Ratios and Rates	25. Test
	12. Alternate Quiz —Form A: Applying Ratios and Rates*	26. Alternate Test—Form A*
	13. Alternate Quiz —Form B: Applying Ratios and Rates*	27. Alternate Test—Form B*
	14. Percents and Fractions	28. Glossary and Credits

Unit 6: Geometry and Measure		
Assignments		
Mathematics 600	1. Polygons	16. Surface Area of Triangular Prisms
	2. Area of a Parallelogram	17. Surface Area of Pyramids
	3. Area of Triangles	18. Project: Geometry and Measurement Performance Task B
	4. Area of Composite Figures	19. Quiz: Solid Figures and Surface Area
	5. Project: Geometry and Measurement Performance Task A	20. Alternate Quiz —Form A: Solid Figures and Surface Area*
	6. Quiz: Plane Figures	21. Alternate Quiz —Form B: Solid Figures and Surface Area*
	7. Alternate Quiz —Form A: Plane Figures*	22. Special Project*
	8. Alternate Quiz —Form B: Plane Figures*	23. Review
	9. Solid Figures	24. Test
	10. Volume	25. Alternate Test—Form A*
	11. More Volume	26. Alternate Test—Form B*
	12. Quiz: Solid Figures and Volume	27. Glossary and Credits
	13. Alternate Quiz —Form A: Solid Figures and Volume*	28. Surface Area of Rectangular Prisms
	14. Alternate Quiz —Form B: Solid Figures and Volume*	
15. Surface Area of Rectangular Prisms		

Unit 7: Rational Numbers	
Assignments	
Mathematics 600	1. Integers
	2. Integers in Real Life
	3. The Opposite of a Number
	4. Rational Numbers
	5. Quiz: Rational Numbers
	6. Alternate Quiz —Form A: Rational Numbers*
	7. Alternate Quiz —Form B: Rational Numbers*
	8. Comparing Integers and Rational Numbers
	9. Ordering Integers and Rational Numbers
	10. Absolute Value
	11. Ordering and Absolute Value in Real Life
	12. Project: Rational Numbers Performance Task A
	13. Quiz: Comparing, Ordering, and Absolute Value
	14. Alternate Quiz —Form A: Comparing, Ordering, and Absolute Value*
	15. Alternate Quiz —Form B: Comparing, Ordering, and Absolute Value*
16. The Coordinate Plane	
17. Reflections on the Coordinate Plane	
18. Distance on the Coordinate Plane	
19. Polygons on the Coordinate Plane	
20. Project: Rational Numbers Performance Task B	
21. Quiz : The Coordinate Plane	
22. Alternate Quiz —Form A: The Coordinate Plane*	
23. Alternate Quiz —Form B: The Coordinate Plane*	
24. Special Project*	
25. Review	
26. Test	
27. Alternate Test—Form A*	
28. Alternate Test—Form B*	
29. Glossary and Credits	

Unit 8: Numerical and Algebraic Expressions	
Assignments	
Mathematics 600	1. Real Number Properties
	2. Exponents
	3. Squares, Cubes, and Roots
	4. Order of Operations
	5. Project: Numerical and Algebraic Expressions Performance Task A
	6. Quiz : Numerical Expressions
	7. Alternate Quiz —Form A: Numerical Expressions*
	8. Alternate Quiz —Form B: Numerical Expressions*
	9. Variables
	10. Expressions
	11. Simplifying Algebraic Expressions
	12. More Simplifying Algebraic Expressions
	13. Quiz: Algebraic Expressions
	14. Alternate Quiz —Form A: Algebraic Expressions*
15. Alternate Quiz —Form B: Algebraic Expressions*	
16. The Distributive Property	
17. Factoring Expressions	
18. Project: Numerical and Algebraic Expressions Performance Task B	
19. Equations and Mental Math	
20. Quiz: Expressions and Equations	
21. Alternate Quiz —Form A: Expressions and Equations*	
22. Alternate Quiz —Form B: Expressions and Equations*	
23. Special Project*	
24. Review	
25. Test	
26. Alternate Test—Form A*	
27. Alternate Test—Form B*	
28. Glossary and Credits	

Unit 9: Equations and Functions		
Assignments		
Mathematics 600	1. Equations	16. Alternate Quiz —Form B: More Equations and Inequalities*
	2. Writing Equations	17. Functions
	3. Addition Equations	18. Function Rules
	4. Subtraction Equations	19. Graphing Functions
	5. Problem Set - Subtraction	20. Proportional Relationships
	6. Quiz : Equations	21. Project: Equations and Functions Performance Task B
	7. Alternate Quiz —Form A: Equations*	22. Quiz: Functions
	8. Alternate Quiz —Form B: Equations*	23. Alternate Quiz —Form A: Functions*
	9. Multiplication Equations	24. Alternate Quiz —Form B: Functions*
	10. Division Equations	25. Special Project*
	11. Inequalities	26. Review
	12. Graphing Inequalities	27. Test
	13. Project: Equations and Functions Performance Task A	28. Alternate Test—Form A*
	14. Quiz: More Equations and Inequalities	29. Alternate Test—Form B*
	15. Alternate Quiz —Form A: More Equations and Inequalities*	30. Glossary and Credits

Unit 10: Data Analysis		
Assignments		
Mathematics 600	1. Collecting Data and the Mean	16. Box Plots
	2. Median, Mode, and Range	17. More Box Plots
	3. Describing Data	18. Summarizing Data Sets
	4. Mean Absolute Deviation	19. Project: Paying for College
	5. Project: Data Analysis Performance Task A	20. Project: Data Analysis Performance Task B
	6. Quiz: Collecting and Describing Data	21. Quiz: Displaying and Interpreting Data
	7. Alternate Quiz —Form A: Collecting and Describing Data*	22. Alternate Quiz —Form A: Displaying and Interpreting Data*
	8. Alternate Quiz —Form B: Collecting and Describing Data*	23. Alternate Quiz —Form B: Displaying and Interpreting Data*
	9. Frequency Tables	24. Special Project*
	10. Histograms	25. Review
	11. Dot Plots	26. Test
	12. Stem-and-Leaf Plots	27. Alternate Test—Form A*
	13. Quiz: Organizing Data	28. Alternate Test—Form B*
	14. Alternate Quiz —Form A: Organizing Data*	29. Glossary and Credits
	15. Alternate Quiz —Form B: Organizing Data*	

Unit 11: Course Review and Exam		
Assignments		
Math 600	1. Course Review 1	4. Alternate Exam—Form A*
	2. Course Review 2	5. Alternate Exam—Form B*
	3. Exam	6. Alternate Exam—Form C*

Mathematics 700 Fundamentals

Mathematics 700 Fundamentals is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **Integers:** Students will learn how to locate, add, subtract, multiply, and divide integers to solve word problems, as well as compare integers using absolute value and the order of operation.
- **Fractions:** Students will understand how fractions can be written into other forms without changing their value, and how to add, subtract, multiply, and divide fractions.
- **Decimals:** Students will explore how to rewrite fractions as decimals, and how to use decimals to solve real-world problems.
- **Patterns and Equations:** Students will learn how to translate words into equations and use them to solve number patterns.
- **Ratios and Proportions:** Students will explore how to use ratios to compare numbers, solve proportions, and convert between percents, decimals, and fractions.
- **Probability and Graphing:** Students will be able to determine the probability of an event, and if they are independent or dependent events, as well as create a graph of an equation.
- **Data Analysis:** Students will learn how to interpret statistics using stem-and-leaf plots, histograms, and other graphical means.
- **Geometry:** Students will explore how points, lines, and planes interact and how to solve equations using their information.
- **Measurement and Area:** Students will learn about finding perimeters and areas of different polygons, and using the Pythagorean theorem to solve problems.
- **Surface Area and Volume:** Students will explore three-dimensional figures and how to find their surface area, volume of them.

Unit 1: Integers	
Assignments	
Mathematics 700 Fundamentals	1. Course Overview
	2. Integers on the Number Line
	3. Comparing and Ordering Integers
	4. Absolute Value
	5. Quiz 1: Integers
	6. Alternate Quiz 1 - Form A: Integers*
	7. Alternate Quiz 1 - Form B: Integers*
	8. Adding Integers with the Same Sign
	9. Adding Integers with Different Signs
	10. Subtracting Integers
	11. Quiz 2: Adding and Subtracting Integers
	12. Alternate Quiz 2 - Form A: Adding and Subtracting Integers*
	13. Alternate Quiz 2 - Form B: Adding and Subtracting Integers*
	14. Multiplying Integers
	15. Dividing Integers
	16. Using Integers
	17. Quiz 3: Multiplying and Dividing Integers
	18. Alternate Quiz 3 - Form A: Multiplying and Dividing Integers*
19. Alternate Quiz 3 - Form B: Multiplying and Dividing Integers*	
20. The Real Number System	
21. Real Number Properties	
22. The Distributive Property	
23. Order of Operations	
24. Exponents and the Order of Operations	
25. Quiz 4: The Real Number System	
26. Alternate Quiz 4 - Form A: The Real Number System*	
27. Alternate Quiz 4 - Form B: The Real Number System*	
28. Special Project*	
29. Review	
30. Test	
31. Alternate Test - Form A*	
32. Alternate Test - Form B*	
33. Glossary and Credits	

Unit 2: Fractions	
Assignments	
Mathematics 700 Fundamentals	1. Fractions and Mixed Numbers
	2. Equivalent Fractions
	3. Divisibility Rules and Prime Factorization
	4. Greatest Common Factor and Least Common Multiple
	5. Quiz 1: Working with Fractions
	6. Alternate Quiz 1 - Form A: Working with Fractions*
	7. Alternate Quiz 1 - Form B: Working with Fractions*
	8. Adding and Subtracting Fractions with Like Denominators
	9. Adding and Subtracting Fractions with Unlike Denominators
	10. Reducing Fractions
	11. Quiz 2: Adding and Subtracting Fractions
	12. Alternate Quiz 2 - Form A: Adding and Subtracting Fractions*
	13. Alternate Quiz 2 - Form B: Adding and Subtracting Fractions*
14. Comparing and Ordering Fractions	
15. Multiplying Fractions	
16. Dividing Fractions	
17. Quiz 3: Multiplying and Dividing Fractions	
18. Alternate Quiz 3 - Form A: Multiplying and Dividing Fractions*	
19. Alternate Quiz 3 - Form B: Multiplying and Dividing Fractions*	
20. Project: Chef for a Day	
21. Special Project*	
22. Review	
23. Test	
24. Alternate Test - Form A*	
25. Alternate Test - Form B*	
26. Glossary and Credits	

Unit 3: Decimals	
Assignments	
Mathematics 700 Fundamentals	1. Comparing and Ordering Decimals
	2. Rounding and Estimating Decimals
	3. Adding and Subtracting Decimals
	4. Multiplying and Dividing Decimals
	5. Quiz 1: Decimals and Their Operations
	6. Alternate Quiz 1 - Form A: Decimals and Their Operations*
	7. Alternate Quiz 1 - Form B: Decimals and Their Operations*
	8. Terminating and Repeating Decimals
	9. Fractions as Decimals
	10. Using Decimals
	11. Scientific Notation
	12. The Metric System
	13. Quiz 2: Applying Decimals
	14. Alternate Quiz 2 - Form A: Applying Decimals*
	15. Alternate Quiz 2 - Form B: Applying Decimals*
	16. Special Project*
	17. Review
	18. Test
	19. Alternate Test - Form A*
	20. Alternate Test - Form B*
	21. Glossary and Credits

Unit 4: Patterns and Equations	
Assignments	
Mathematics 700 Fundamentals	1. Working with Variables and Expressions
	2. Translating Word Sentences
	3. Evaluating Expressions
	4. Using Formulas to Solve Problems
	5. Quiz 1: Variable Expressions
	6. Alternate Quiz 1 - Form A: Variable Expressions*
	7. Alternate Quiz 1 - Form B: Variable Expressions*
	8. Identifying Number Patterns
	9. Describing Number Patterns
	10. Identifying Functions
	11. Identifying Function Rules
	12. Quiz 2: Patterns and Functions
	13. Alternate Quiz 2 - Form A: Patterns and Functions*
	14. Alternate Quiz 2 - Form B: Patterns and Functions*
	15. Solving Equations Using Mental Math
	16. Solving Equations Using Addition and Subtraction
	17. Solving Equations Using Multiplication and Division
	18. Quiz 3: Solving Equations
	19. Alternate Quiz 3 - Form A: Solving Equations*
	20. Alternate Quiz 3 - Form B: Solving Equations*
	21. Solving Two-Step Equations
	22. Working with Inequalities
	23. Solving One-Step Inequalities
	24. Quiz 4: Equations and Inequalities
	25. Alternate Quiz 4 - Form A: Equations and Inequalities*
	26. Alternate Quiz 4 - Form B: Equations and Inequalities*
	27. Special Project*
	28. Review
	29. Test
	30. Alternate Test - Form A*
	31. Alternate Test - Form B*
	32. Glossary and Credits

Unit 5: Ratios and Proportions		
Assignments		
Mathematics 700 Fundamentals	1. Ratios	15. Percent of a Number
	2. Rates	16. Percent of Change
	3. Proportions	17. Solving Percent Problems Using Proportions
	4. Quiz 1: Ratios, Rates, and Proportions	18. Solving Percent Problems Using Equations
	5. Alternate Quiz 1 - Form A: Ratios, Rates, and Proportions*	19. Quiz 3: Fractions, Decimals, and Percents
	6. Alternate Quiz 1 - Form B: Ratios, Rates, and Proportions*	20. Alternate Quiz 3 - Form A: Fractions, Decimals, and Percents*
	7. Converting Customary Units	21. Alternate Quiz 3 - Form B: Fractions, Decimals, and Percents*
	8. Converting Metric Units	22. Special Project*
	9. Similarity	23. Review
	10. Scale Drawings	24. Test
	11. Quiz 2: Using Proportions	25. Alternate Test - Form A*
	12. Alternate Quiz 2 - Form A: Using Proportions*	26. Alternate Test - Form B*
	13. Alternate Quiz 2 - Form B: Using Proportions*	27. Glossary and Credits
	14. Converting Between Fractions, Decimals, and Percents	

Unit 6: Probability and Graphing		
Assignments		
Mathematics 700 Fundamentals	1. Theoretical Probability	11. Direct Variation
	2. Experimental Probability	12. Quiz 2: Functions
	3. Sample Space	13. Alternate Quiz 2 - Form A: Functions*
	4. Independent and Dependent Events	14. Alternate Quiz 2 - Form B: Functions*
	5. Quiz 1: Probability	15. Special Project*
	6. Alternate Quiz 1 - Form A: Probability*	16. Review
	7. Alternate Quiz 1 - Form B: Probability*	17. Test
	8. Graphing Ordered Pairs	18. Alternate Test - Form A*
	9. Graphing Linear Equations	19. Alternate Test - Form B*
	10. Slope	20. Glossary and Credits

Unit 7: Data Analysis		
Assignments		
Mathematics 700 Fundamentals	1. Collecting Data	16. Bar Graphs
	2. Determining Mean, Median, and Mode	17. Circle Graphs
	3. Using Mean, Median, and Mode	18. Scatter Plots
	4. Using Range	19. Quiz 3: Graphing Data and Making Predictions
	5. Quiz 1: Describing Data	20. Alternate Quiz 3 - Form A: Graphing Data and Making Predictions*
	6. Alternate Quiz 1 - Form A: Describing Data*	21. Alternate Quiz 3 - Form B: Graphing Data and Making Predictions*
	7. Alternate Quiz 1 - Form B: Describing Data*	22. Special Project*
	8. Box-and-Whisker Plots	23. Review
	9. Stem-and-Leaf Plots	24. Test
	10. Histograms	25. Alternate Test - Form A*
	11. Other Graphs	26. Alternate Test - Form B*
	12. Quiz 2: Organizing Data	27. Glossary and Credits
	13. Alternate Quiz 2 - Form A: Organizing Data*	
	14. Alternate Quiz 2 - Form B: Organizing Data*	
	15. Line Graphs	

Unit 8: Geometry		
Assignments		
Mathematics 700	1. Introduction to Geometry	15. Symmetry
	2. Special Pairs of Angles	16. Reflections

3.	Polygons	17.	Translations
4.	Circles	18.	Compound Transformations
5.	Quiz 1: Basic Geometry	19.	Quiz 3: Transformations
6.	Alternate Quiz 1 - Form A: Basic Geometry*	20.	Alternate Quiz 3 - Form A: Transformations*
7.	Alternate Quiz 1 - Form B: Basic Geometry*	21.	Alternate Quiz 3 - Form B: Transformations*
8.	Project: Inscribed Polygons	22.	Special Project*
9.	Triangles	23.	Review
10.	Quadrilaterals	24.	Test
11.	Similar Polygons	25.	Alternate Test - Form A*
12.	Quiz 2: Classifying Polygons	26.	Alternate Test - Form B*
13.	Alternate Quiz 2 - Form A: Classifying Polygons*	27.	Glossary and Credits
14.	Alternate Quiz 2 - Form B: Classifying Polygons*		

Unit 9: Measurement and Area				
Assignments				
Mathematics 700 Fundamentals	1.	Perimeter	15.	Squares and Square Roots
	2.	Circumference	16.	The Pythagorean Theorem
	3.	Composite Figures	17.	Applying the Pythagorean Theorem
	4.	Quiz 1: Perimeter	18.	Quiz 3: The Pythagorean Theorem
	5.	Alternate Quiz 1 - Form A: Perimeter*	19.	Alternate Quiz 3 - Form A: The Pythagorean Theorem*
	6.	Alternate Quiz 1 - Form B: Perimeter*	20.	Alternate Quiz 3 - Form B: The Pythagorean Theorem*
	7.	Area of Parallelograms	21.	Special Project*
	8.	Area of Triangles and Trapezoids	22.	Review
	9.	Area of Circles	23.	Test
	10.	Area of Composite Figures	24.	Alternate Test - Form A*
	11.	Dimension Changes	25.	Alternate Test - Form B*
	12.	Quiz 2: Area	26.	Glossary and Credits
	13.	Alternate Quiz 2 - Form A: Area*		
	14.	Alternate Quiz 2 - Form B: Area*		

Unit 10: Surface Area and Volume				
Assignments				
Mathematics 700 Fundamentals	1.	Classifying and Identifying Solids	14.	Surface Area of Cylinders
	2.	Nets	15.	Volume of Cylinders
	3.	Surface Area and Volume	16.	Dimension Changes
	4.	Quiz 1: Solids	17.	Quiz 3: Cylinders
	5.	Alternate Quiz 1 - Form A: Solids*	18.	Alternate Quiz 3 - Form A: Cylinders*
	6.	Alternate Quiz 1 - Form B: Solids*	19.	Alternate Quiz 3 - Form B: Cylinders*
	7.	Surface Area of Rectangular Prisms	20.	Special Project*
	8.	Volume of Rectangular Prisms	21.	Review
	9.	Surface Area of Triangular Prisms	22.	Test
	10.	Volume of Triangular Prisms	23.	Alternate Test - Form A*
	11.	Quiz 2: Prisms	24.	Alternate Test - Form B*
	12.	Alternate Quiz 2 - Form A: Prisms*	25.	Glossary and Credits
	13.	Alternate Quiz 2 - Form B: Prisms*		

Unit 11: Course Review and Exam				
Assignments				
M700F	1.	Course Review 1	4.	Alternate Exam - Form A*
	2.	Course Review 2	5.	Alternate Exam - Form B*
	3.	Exam		

Mathematics 700

Mathematics 700 is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **Integers:** Students will learn how to locate, add, subtract, multiply, and divide integers to solve word problems, as well as compare integers using absolute value and the order of operation.
- **Fractions:** Students will understand how fractions can be written into other forms without changing their value, and how to add, subtract, multiply, and divide fractions.
- **Decimals:** Students will explore how to rewrite fractions as decimals, and how to use decimals to solve real-world problems.
- **Patterns and Equations:** Students will learn how to translate words into equations and use them to solve number patterns.
- **Ratios and Proportions:** Students will explore how to use ratios to compare numbers, solve proportions, and convert between percents, decimals, and fractions.
- **Probability and Graphing:** Students will be able to determine the probability of an event, and if they are independent or dependent events, as well as create a graph of an equation.
- **Data Analysis:** Students will learn how to interpret statistics using stem-and-leaf plots, histograms, and other graphical means.
- **Geometry:** Students will explore how points, lines, and planes interact and how to solve equations using their information.
- **Measurement and Area:** Students will learn about finding perimeters and areas of different polygons, and using the Pythagorean theorem to solve problems.
- **Surface Area and Volume:** Students will explore three-dimensional figures and how to find their surface area, volume of them.

Unit 1: Integers	
Assignments	
Mathematics 700	1. Course Overview
	2. Integers on the Number Line
	3. Comparing and Ordering Integers
	4. Absolute Value
	5. Quiz 1: Integers
	6. Alternate Quiz 1—Form A: Integers*
	7. Alternate Quiz 1—Form B: Integers*
	8. Adding Integers with the Same Sign
	9. Adding Integers with Different Signs
	10. Subtracting Integers
	11. Quiz 2: Adding and Subtracting Integers
	12. Alternate Quiz 2—Form A: Adding and Subtracting Integers*
	13. Alternate Quiz 2—Form B: Adding and Subtracting Integers*
	14. Multiplying Integers
	15. Dividing Integers
	16. Using Integers
	17. Performance Task
	18. Quiz 3: Multiplying and Dividing Integers
	19. Alternate Quiz 3—Form A: Multiplying and Dividing Integers*
	20. Alternate Quiz 3—Form B: Multiplying and Dividing Integers*
	21. The Real Number System
	22. Real Number Properties
	23. The Distributive Property
	24. Order of Operations
	25. Exponents and the Order of Operations
	26. Performance Task
	27. Quiz 4: The Real Number System*
	28. Alternate Quiz 4—Form A: The Real Number System*
	29. Alternate Quiz 4—Form B: The Real Number System*
	30. Special Project*
	31. Review
	32. Test
	33. Alternate Test—Form A*
	34. Alternate Test—Form B*
	35. Glossary and Credits

Unit 2: Fractions	
Assignments	
Mathematics 700	1. Fractions and Mixed Numbers
	2. Equivalent Fractions
	3. Divisibility Rules and Prime Factorization
	4. Greatest Common Factor and Least Common Multiple
	5. Quiz 1: Working with Fractions
	6. Alternate Quiz 1 - Form A: Working with Fractions*
	7. Alternate Quiz 1 - Form B: Working with Fractions*
	8. Adding and Subtracting Fractions with Like Denominators
	9. Adding and Subtracting Fractions with Unlike Denominators
	10. Reducing Fractions
	11. Performance Task*
	12. Quiz 2: Adding and Subtracting Fractions
	13. Alternate Quiz 2 - Form A: Adding and Subtracting Fractions*
	14. Alternate Quiz 2 - Form B: Adding and Subtracting Fractions*
	15. Comparing and Ordering Fractions
	16. Multiplying Fractions
	17. Dividing Fractions
	18. Performance Task
	19. Quiz 3: Multiplying and Dividing Fractions
	20. Alternate Quiz 3 - Form A: Multiplying and Dividing Fractions*
	21. Alternate Quiz 3 - Form B: Multiplying and Dividing Fractions*
	22. Project: Chef for a Day
	23. Special Project*
	24. Review
	25. Test
	26. Alternate Test - Form A*
	27. Alternate Test - Form B*
	28. Glossary and Credits

Unit 3: Decimals	
Assignments	
Mathematics 700	1. Comparing and Ordering Decimals
	2. Rounding and Estimating Decimals
	3. Adding and Subtracting Decimals
	4. Multiplying and Dividing Decimals
	5. Performance Task*
	6. Quiz 1: Decimals and Their Operations
	7. Alternate Quiz 1 - Form A: Decimals and Their Operations*
	8. Alternate Quiz 1 - Form B: Decimals and Their Operations*
	9. Terminating and Repeating Decimals
	10. Fractions as Decimals
	11. Using Decimals
12. Performance Task	
13. Scientific Notation	
14. The Metric System	
15. Quiz 2: Applying Decimals	
16. Alternate Quiz 2 - Form A: Applying Decimals*	
17. Alternate Quiz 2 - Form B: Applying Decimals*	
18. Special Project*	
19. Review	
20. Test	
21. Alternate Test - Form A*	
22. Alternate Test - Form B*	
23. Glossary and Credits	

Unit 4: Patterns and Equations	
Assignments	
Mathematics 700	1. Working with Variables and Expressions
	2. Adding and Subtracting Algebraic Expressions
	3. Expanding and Factoring Variable Expressions
	4. Evaluating Expressions
	5. Using Formulas to Solve Problems
	6. Performance Task
	7. Quiz 1: Variable Expressions
	8. Alternate Quiz 1—Form A: Variable Expressions*
	9. Alternate Quiz 1—Form B: Variable Expressions*
	10. Identifying Number Patterns
	11. Describing Number Patterns
12. Identifying Functions	
13. Identifying Function Rules	
14. Quiz 2: Patterns and Functions	
15. Alternate Quiz 2—Form A: Patterns and Functions*	
16. Alternate Quiz 2—Form B: Patterns and Functions*	
17. Translating Word Sentences	
18. Solving Equations Using Mental Math	
19. Solving Equations Using Addition and Subtraction	
20. Solving Equations Using Multiplication and Division	
21. Quiz 3: Solving Equations	
22. Alternate Quiz 3—Form A: Solving Equations*	
23. Alternate Quiz 3—Form B: Solving Equations*	
24. Solving Two-Step Equations	
25. Working with Inequalities	
26. Solving One-Step Inequalities	
27. Solving Two-Step Inequalities	
28. Performance Task	
29. Quiz 4: Equations and Inequalities	
30. Alternate Quiz 4—Form A: Equations and Inequalities*	
31. Alternate Quiz 4—Form B: Equations and Inequalities*	
32. Special Project*	
33. Review	
34. Test	
35. Alternate Test—Form A*	
36. Alternate Test—Form B*	
37. Glossary and Credits	

Unit 5: Ratios and Proportions	
Assignments	
Mathematics 700	1. Ratios
	2. Rates
	3. Proportions
	4. Quiz 1: Ratios, Rates, and Proportions
	5. Alternate Quiz 1: Form A: Ratios, Rates, and Proportions*
	6. Alternate Quiz 1: Form B: Ratios, Rates, and Proportions*
	7. Converting Customary Units
	8. Converting Metric Units
	9. Similarity
	10. Scale Drawings
	11. Performance Task
	12. Quiz 2: Using Proportions
	13. Alternate Quiz 2: Form A: Using Proportions*
	14. Alternate Quiz 2: Form B: Using Proportions*
	15. Converting Between Fractions, Decimals, and Percents
16. Percent of a Number	
17. Percent of Change	
18. Solving Percent Problems Using Proportions	
19. Solving Percent Problems Using Equations	
20. Performance Task	
21. Quiz 3: Fractions, Decimals, and Percents	
22. Alternate Quiz 3: Form A: Fractions, Decimals, and Percents*	
23. Alternate Quiz 3: Form B: Fractions, Decimals, and Percents*	
24. Special Project*	
25. Review	
26. Test	
27. Alternate Test: Form A*	
28. Alternate Test: Form B*	
29. Glossary and Credits	

Unit 6: Probability and Graphing	
Assignments	
Mathematics 700	1. Theoretical Probability
	2. Experimental Probability
	3. Sample Space
	4. Performance Task
	5. Independent and Dependent Events
	6. Quiz 1: Probability
	7. Alternate Quiz 1: Form A: Probability*
	8. Alternate Quiz 1: Form B: Probability*
	9. Graphing Ordered Pairs
	10. Graphing Linear Equations
	11. Slope
12. Direct Variation	
13. Performance Task	
14. Quiz 2: Functions	
15. Alternate Quiz 2: Form A: Functions*	
16. Alternate Quiz 2: Form B: Functions*	
17. Special Project*	
18. Review	
19. Test	
20. Alternate Test: Form A*	
21. Alternate Test: Form B*	
22. Glossary and Credits	

Unit 7: Data Analysis		
Assignments		
Mathematics 700	1. Collecting Data	20. Circle Graphs
	2. Determining Mean, Median, and Mode	21. Performance Task
	3. Using Mean, Median, and Mode	22. Scatter Plots
	4. Using Range	23. Quiz 3: Graphing Data and Making Predictions
	5. Mean Absolute Deviation	24. Alternate Quiz 3: Form A: Graphing Data and Making Predictions*
	6. Quiz 1: Describing Data	25. Alternate Quiz 3: Form B: Graphing Data and Making Predictions*
	7. Alternate Quiz 1: Form A: Describing Data*	26. Financial Assets and Liabilities
	8. Alternate Quiz 1: Form B: Describing Data*	27. Personal Financial Skills
	9. Dot Plots	28. Quiz 4: Financial Skills
	10. Box-and-Whisker Plots	29. Alternate Quiz 4: Form A: Financial Skills
	11. Performance Task	30. Alternate Quiz 4: Form B: Financial Skills
	12. Stem-and-Leaf Plots	31. Special Project*
	13. Histograms	32. Review
	14. Other Graphs	33. Test
	15. Quiz 2: Organizing Data	34. Alternate Test: Form A*
	16. Alternate Quiz 2: Form A: Organizing Data*	35. Alternate Test: Form B*
	17. Alternate Quiz 2: Form B: Organizing Data*	36. Glossary and Credits
	18. Line Graphs	
	19. Bar Graphs	

Unit 8: Geometry		
Assignments		
Mathematics 700	1. Introduction to Geometry	16. Alternate Quiz 2: Form A: Classifying Polygons*
	2. Special Pairs of Angles	17. Alternate Quiz 2: Form B: Classifying Polygons*
	3. Polygons	18. Symmetry
	4. Circles	19. Reflections
	5. Performance Task	20. Translations
	6. Quiz 1: Basic Geometry	21. Compound Transformations
	7. Alternate Quiz 1: Form A: Basic Geometry*	22. Quiz 3: Transformations
	8. Alternate Quiz 1: Form B: Basic Geometry*	23. Alternate Quiz 3: Form A: Transformations*
	9. Project: Inscribed Polygons	24. Alternate Quiz 3: Form B: Transformations*
	10. Triangles	25. Special Project*
	11. Quadrilaterals	26. Review
	12. Drawing Triangles and Quadrilaterals	27. Test
	13. Similar Polygons	28. Alternate Test: Form A*
	14. Performance Task	29. Alternate Test: Form B*
	15. Quiz 2: Classifying Polygons	30. Glossary and Credits

Unit 9: Measurement and Area		
Assignments		
Mathematics 700	1. Perimeter	16. Squares and Square Roots
	2. Circumference	17. Performance Task
	3. Composite Figures	18. The Pythagorean Theorem
	4. Performance Task	19. Applying the Pythagorean Theorem
	5. Quiz 1: Perimeter	20. Quiz 3: The Pythagorean Theorem
	6. Alternate Quiz 1: Form A: Perimeter*	21. Alternate Quiz 3: Form A: The Pythagorean Theorem*
	7. Alternate Quiz 1: Form B: Perimeter*	22. Alternate Quiz 3: Form B: The Pythagorean Theorem*
	8. Area of Parallelograms	23. Special Project*
	9. Area of Triangles and Trapezoids	24. Review
	10. Area of Circles	25. Test
	11. Area of Composite Figures	26. Alternate Test: Form A*
	12. Dimension Changes	27. Alternate Test: Form B*
	13. Quiz 2: Area	28. Glossary and Credits
	14. Alternate Quiz 2: Form A: Area*	
	15. Alternate Quiz 2: Form B: Area*	

Unit 10: Surface Area and Volume		
Assignments		
Mathematics 700	1. Classifying and Identifying Solids	15. Surface Area of Cylinders
	2. Nets and Cross Sections	16. Volume of Cylinders
	3. Surface Area and Volume	17. Dimension Changes
	4. Quiz 1: Solids	18. Performance Task
	5. Alternate Quiz 1: Form A: Solids*	19. Quiz 3: Cylinders
	6. Alternate Quiz 1: Form B: Solids*	20. Alternate Quiz 3: Form A: Cylinders*
	7. Surface Area of Rectangular Prisms	21. Alternate Quiz 3: Form B: Cylinders*
	8. Volume of Rectangular Prisms	22. Special Project*
	9. Performance Task	23. Review
	10. Surface Area of Triangular Prisms	24. Test
	11. Volume of Triangular Prisms	25. Alternate Test: Form A*
	12. Quiz 2: Prisms	26. Alternate Test: Form B*
	13. Alternate Quiz 2: Form A: Prisms*	27. Glossary and Credits
	14. Alternate Quiz 2: Form B: Prisms*	

Unit 11: Course Review and Exam		
Assignments		
Mathematics 700	1. Review 1	6. Performance Task 1*
	2. Review 2	7. Performance Task 2*
	3. Final Exam	8. Performance Task 3*
	4. Alternate Final Exam - Form A*	9. Performance Task 4*
	5. Alternate Final Exam - Form B*	

Unit 12: End of Course Exam		
Assignments		
Math 700	1. Exam*	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

Mathematics 800 Fundamentals

Mathematics 800 Fundamentals is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- The Real Number System: Student will explore different properties of numbers, and how to use them to simplify expressions and formulas to make computations easier.
- Modeling Problems in Integers: Student will translate and solve one-step equations, or two-step equations in context, and check solutions for reasonableness, using the order of operations, and by substituting values for variables.
- Modeling Problems with Rational Numbers: Student will add, subtract, multiply, and divide decimals, fractions, and mixed numbers with variables, like, and unlike denominators to solve one and two-step word problems.
- Proportional Reasoning: Student will convert between fractions, decimals, and percents, and compare them, and identify similar and congruent figures and their corresponding parts, and solve for missing measures.
- More with Functions: Student will identify the parts of a line or quadratic equation and be able to graph it, and explore arithmetic and geometric sequences, as well as exponential growth and decay.
- Measurement: Student will explore relationships between sets of lines and the angles they create, understand and use the Pythagorean theorem, and identify characteristics of polygons.
- Plane Geometry: Student will determine how to calculate areas of common polygons, identify different transformations and how to determine the type and original image location.
- Measures of Solid Figures: Student will calculate surface area and volume of different objects, and solve for missing measures of 3 dimensional figures when given surface area or volume, and explain the relationship between surface area and volume.
- Data Analysis: Student will identify the mean, median, mode, range, lower quartile, and upper quartile of different data sets and construct the best display of the information.
- Probability: Student will identify all the possible outcomes of a given situation using combinations, permutations, and probability, and determine if events are dependent or independent.

Unit 1: The Real Number System	
Assignments	
Mathematics 800 Fundamentals	1. Course Overview
	2. Subsets of the Real Number System
	3. Using Variables
	4. The Number Line
	5. Comparing Rational Numbers
	6. Quiz 1: Relationships
	7. Alternate Quiz 1 - Form A: Relationships*
	8. Alternate Quiz 1 - Form B: Relationships*
	9. Properties of the Real Numbers
	10. Exponents
	11. Scientific Notation
	12. Quiz 2: Other Forms
	13. Alternate Quiz 2 - Form A: Other Forms*
14. Alternate Quiz 2 - Form B: Other Forms*	
15. Square Roots	
16. Order of Operations	
17. Quiz 3: Simplifying	
18. Alternate Quiz 3 - Form A: Simplifying*	
19. Alternate Quiz 3 - Form B: Simplifying*	
20. Special Project*	
21. Review	
22. Test	
23. Alternate Test - Form A*	
24. Alternate Test - Form B*	
25. Glossary and Credits	

Unit 2: Modeling Problems in Integers	
Assignments	
Mathematics 800 Fundamentals	1. Translating Expressions and Equations
	2. Solving One-Step Equations
	3. Solving Two-Step Equations
	4. Quiz 1: Equations with Real Numbers
	5. Alternate Quiz 1 - Form A: Equations with Real Numbers*
	6. Alternate Quiz 1 - Form B: Equations with Real Numbers*
	7. Relations and Functions
	8. Functions
	9. Analyzing Graphs
	10. Quiz 2: Functions
	11. Alternate Quiz 2 - Form A: Functions*
	12. Alternate Quiz 2 - Form B: Functions*
	13. Addition of Integers
	14. Subtraction of Integers
	15. Multiplying and Dividing Integers
16. Evaluating Expressions	
17. Quiz 3: Integers	
18. Alternate Quiz 3 - Form A: Integers*	
19. Alternate Quiz 3 - Form B: Integers*	
20. Graphing	
21. One-Step Equations	
22. Two-Step Equations	
23. Problem Solving	
24. Quiz 4: Modeling with Integers	
25. Alternate Quiz 4 - Form A: Modeling with Integers*	
26. Alternate Quiz 4 - Form B: Modeling with Integers*	
27. Special Project*	
28. Review	
29. Test	
30. Alternate Test - Form A*	
31. Alternate Test - Form B*	
32. Glossary and Credits	

Unit 3: Modeling Problems With Rational Numbers	
Assignments	
Mathematics 800 Fundamentals	1. Prime Factorization and the GCF
	2. Simplifying Fractions
	3. The LCM and the LCD
	4. Quiz 1: Number Theory
	5. Alternate Quiz 1 - Form A: Number Theory*
	6. Alternate Quiz 1 - Form B: Number Theory*
	7. Adding and Subtracting Like Fractions
	8. Adding and Subtracting Unlike Fractions
	9. Adding and Subtracting Decimal Numbers
	10. Multiplying and Dividing Fractions
	11. Multiplying and Dividing Decimal Numbers
	12. Quiz 2: Solving Problems with Rational Numbers
	13. Alternate Quiz 2 - Form A: Solving Problems with Rational Numbers*
	14. Alternate Quiz 2 - Form B: Solving Problems with Rational Numbers*
	15. One-Step Addition and Subtraction Equations
	16. One-Step Multiplication and Division Equations
	17. Two-Step Equations
	18. One-Step Inequalities
	19. Two-Step Inequalities
	20. Quiz 3: Solving Equations and Inequalities
	21. Alternate Quiz 3 - Form A: Solving Equations and Inequalities*
	22. Alternate Quiz 3 - Form B: Solving Equations and Inequalities*
	23. Special Project*
	24. Review
	25. Test
	26. Alternate Test - Form A*
	27. Alternate Test - Form B*
	28. Glossary and Credits

Unit 4: Proportional Reasoning	
Assignments	
Mathematics 800 Fundamentals	1. Proportions
	2. Applications
	3. Direct Variation
	4. Quiz 1: Proportions
	5. Alternate Quiz 1 - Form A: Proportions*
	6. Alternate Quiz 1 - Form B: Proportions*
	7. Fraction, Percent and Decimal Equivalents
	8. Solving Percent Problems
	9. Applications
	10. More Applications
	11. Quiz 2: Percents
	12. Alternate Quiz 2 - Form A: Percents*
	13. Alternate Quiz 2 - Form B: Percents*
	14. Unit Conversion within Customary Units
	15. Unit Conversion within Metric Units
	16. Corresponding Parts
	17. Indirect Measure
	18. Models and Scales
	19. Quiz 3: Measurement/Similar Figures
	20. Alternate Quiz 3 - Form A: Measurement/Similar Figures*
	21. Alternate Quiz 3 - Form B: Measurement/Similar Figures*
	22. Project: Proportional Reasoning
	23. Alternate Project: Proportional Reasoning*
	24. Special Project*
	25. Review
	26. Test
	27. Alternate Test - Form A*
	28. Alternate Test - Form B*
	29. Glossary and Credits

Unit 5: More With Functions	
Assignments	
Mathematics 800 Fundamentals	1. Rewriting Equations
	2. Combine Like Terms
	3. Solving Equations by Combining Like Terms
	4. Distributive Property
	5. Solving Equations with Distributive Property
	6. Quiz 1: Solving Equations
	7. Alternate Quiz 1 - Form A: Solving Equations*
	8. Alternate Quiz 1 - Form B: Solving Equations*
	9. Slope
	10. Using Intercepts
	11. Slope-Intercept Form
	12. More Slope-Intercept Form
	13. Non-Linear Functions
	14. Quiz 2: Families of Functions
	15. Alternate Quiz 2 - Form A: Families of Functions*
16. Alternate Quiz 2 - Form B: Families of Functions*	
17. Patterns and Arithmetic Sequences	
18. Geometric Sequences	
19. Exponential Sequences	
20. Recursive Sequences	
21. Quiz 3: Patterns	
22. Alternate Quiz 3 - Form A: Patterns*	
23. Alternate Quiz 3 - Form B: Patterns*	
24. Special Project*	
25. Review	
26. Test	
27. Alternate Test - Form A*	
28. Alternate Test - Form B*	
29. Glossary and Credits	

Unit 6: Measurement	
Assignments	
Mathematics 800 Fundamentals	1. Classify and Measure Angles
	2. Perpendicular and Parallel Lines, Part 1
	3. Perpendicular and Parallel Lines, Part 2
	4. Circles
	5. Quiz 1: Angle Measures and Circles
	6. Alternate Quiz 1 - Form A: Angle Measures and Circles*
	7. Alternate Quiz 1 - Form B: Angle Measures and Circles*
	8. Classifying Polygons
	9. Interior and Exterior Measures of Polygons
	10. Classifying Triangles and the Triangle Inequality Theorem
	11. The Quadrilateral Family
12. Quiz 2: Polygons	
13. Alternate Quiz 2 - Form A: Polygons*	
14. Alternate Quiz 2 - Form B: Polygons*	
15. Pythagorean Theorem, Part 1	
16. Pythagorean Theorem, Part 2	
17. Quiz 3: Indirect Measure	
18. Alternate Quiz 3 - Form A: Indirect Measure*	
19. Alternate Quiz 3 - Form B: Indirect Measure*	
20. Special Project*	
21. Review	
22. Test	
23. Alternate Test - Form A*	
24. Alternate Test - Form B*	
25. Glossary and Credits	

Unit 7: Plane Geometry	
Assignments	
Mathematics 800 Fundamentals	1. Perimeter and Circumference
	2. Area of Parallelograms
	3. Area of Triangles and Trapezoids
	4. Area of Circles
	5. Composite Figures
	6. Effects of Dimensional Changes
	7. Quiz 1: Perimeter and Area
	8. Alternate Quiz 1 - Form A: Perimeter and Area*
	9. Alternate Quiz 1 - Form B: Perimeter and Area*
	10. Symmetry
	11. Distance and Midpoint
	12. Reflections
	13. Quiz 2: Symmetry and Reflections
	14. Alternate Quiz 2 - Form A: Symmetry and Reflections*
	15. Alternate Quiz 2 - Form B: Symmetry and Reflections*
	16. Translations
	17. Tessellations
	18. Rotations
	19. Dilations
	20. Quiz 3: Other Transformations
	21. Alternate Quiz 3 - Form A: Other Transformations*
	22. Alternate Quiz 3 - Form B: Other Transformations*
	23. Special Project*
	24. Review
	25. Test
	26. Alternate Test - Form A*
	27. Alternate Test - Form B*
	28. Glossary and Credits

Unit 8: Measures of Solid Figures	
Assignments	
Mathematics 800 Fundamentals	1. Solid Figures
	2. Euler's Formula
	3. Surface Area of Rectangular Prisms
	4. Surface Area of Triangular Prisms
	5. Surface Area of Cylinders
	6. Surface Area of Pyramids, Cones, and Spheres
	7. Surface Area of Composite Figures
	8. Quiz 1: Surface Area
	9. Alternate Quiz 1 - Form A: Surface Area*
	10. Alternate Quiz 1 - Form B: Surface Area*
	11. Volume of Rectangular Prisms
	12. Volume of Triangular Prisms
	13. Volume of Square Pyramids
	14. Volume of Cylinders
	15. Volume of Cones
	16. Volume of Spheres
	17. Changes to Volume
	18. Volume of Composite Figures
	19. Quiz 2: Volume
	20. Alternate Quiz 2 - Form A: Volume*
	21. Alternate Quiz 2 - Form B: Volume*
	22. Special Project*
	23. Review
	24. Test
	25. Alternate Test - Form A*
	26. Alternate Test - Form B*
	27. Glossary and Credits
	28.

Unit 9: Data Analysis	
Assignments	
Mathematics 800 Fundamentals	1. Collecting Data
	2. Measures of Central Tendency and Dispersion
	3. Bar Graphs
	4. Circle Graphs
	5. Line Graphs
	6. Frequency and Histograms
	7. Quiz 1: Collecting and Representing Data
	8. Alternate Quiz 1 - Form A: Collecting and Representing Data*
	9. Alternate Quiz 1 - Form B: Collecting and Representing Data*
	10. Constructing Box-and-Whisker Plots
	11. Interpreting Box-and-Whisker Plots
	12. Scatter Plots
	13. Misleading Graphs
	14. Appropriate Displays
	15. Quiz 2: More Data Displays
	16. Alternate Quiz 2 - Form A: More Data Displays*
	17. Alternate Quiz 2 - Form B: More Data Displays*
	18. Special Project*
	19. Review
	20. Test
	21. Alternate Test - Form A*
	22. Alternate Test - Form B*
	23. Glossary and Credits

Unit 10: Probability	
Assignments	
Mathematics 800 Fundamentals	1. Tree Diagrams and the Counting Principle
	12. Quiz 2: Probability

	2. Permutations	13. Alternate Quiz 2 - Form A: Probability*
	3. Combinations	14. Alternate Quiz 2 - Form B: Probability*
	4. Mixed Review of Outcomes	15. Simulate a Problem
	5. Quiz 1: Outcomes	16. Quest: All That's Fair In...*
	6. Alternate Quiz 1 - Form A: Outcomes*	17. Special Project*
	7. Alternate Quiz 1 - Form B: Outcomes*	18. Review
	8. Probability and Odds	19. Test
	9. Experimental vs Theoretical Probability	20. Alternate Test - Form A*
	10. Disjointed and Overlapping Events	21. Alternate Test - Form B*
	11. Independent and Dependent Events	22. Glossary and Credits

Unit 11: Course Review and Exam		
M8F	Assignments	
	1. Review I	4. Alternate Exam - Form A*
	2. Review II	5. Alternate Exam - Form B*
	3. Exam	

Mathematics 800

Mathematics 800 is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **The Real Number System:** Student will explore different properties of numbers, and how to use them to simplify expressions and formulas to make computations easier.
- **Modeling Problems in Integers:** Student will translate and solve one-step equations, or two-step equations in context, and check solutions for reasonableness, using the order of operations, and by substituting values for variables.
- **Modeling Problems with Rational Numbers:** Student will add, subtract, multiply, and divide decimals, fractions, and mixed numbers with variables, like, and unlike denominators to solve one and two-step word problems.
- **Proportional Reasoning:** Student will convert between fractions, decimals, and percents, and compare them, and identify similar and congruent figures and their corresponding parts, and solve for missing measures.
- **More with Functions:** Student will identify the parts of a line or quadratic equation and be able to graph it, and explore arithmetic and geometric sequences, as well as exponential growth and decay.
- **Measurement:** Student will explore relationships between sets of lines and the angles they create, understand and use the Pythagorean theorem, and identify characteristics of polygons.
- **Plane Geometry:** Student will determine how to calculate areas of common polygons, identify different transformations and how to determine the type and original image location.
- **Measures of Solid Figures:** Student will calculate surface area and volume of different objects, and solve for missing measures of 3 dimensional figures when given surface area or volume, and explain the relationship between surface area and volume.
- **Data Analysis:** Student will identify the mean, median, mode, range, lower quartile, and upper quartile of different data sets and construct the best display of the information.
- **Probability:** Student will identify all the possible outcomes of a given situation using combinations, permutations, and probability, and determine if events are dependent or independent.

Unit 1: The Real Number System	
Assignments	
Mathematics 800	1. Course Overview
	2. Subsets of the Real Number System
	3. Using Variables
	4. The Number Line
	5. Comparing Rational Numbers
	6. Decimal-Fraction Conversions
	7. Quiz 1: Relationships
	8. Alternate Quiz 1 - Form A: Relationships*
	9. Alternate Quiz 1 - Form B: Relationships*
	10. Properties of the Real Numbers
	11. Exponents
	12. Performance Task
	13. Scientific Notation
	14. Operations with Scientific Notation
	15. Quiz 2: Other Forms
15. Alternate Quiz 2 - Form A: Other Forms*	
16. Alternate Quiz 2 - Form B: Other Forms*	
17. Square Roots	
18. Order of Operations	
19. Quiz 3: Simplifying	
20. Alternate Quiz 3 - Form A: Simplifying*	
21. Alternate Quiz 3 - Form B: Simplifying*	
22. Performance Task	
23. Special Project*	
24. Review	
25. Test	
26. Alternate Test - Form A*	
27. Alternate Test - Form B*	
28. Glossary and Credits	

Unit 2: Modeling Problems in Integers	
Assignments	
Mathematics 800	1. Translating Expressions and Equations
	2. Solving One-Step Equations
	3. Solving Two-Step Equations
	4. Solving Equations with Exponents
	5. Quiz 1: Equations with Real Numbers
	6. Alternate Quiz 1 - Form A: Equations with Real Numbers*
	7. Alternate Quiz 1 - Form B: Equations with Real Numbers*
	8. Relations and Functions
	9. Functions
	10. Analyzing Graphs
	11. Performance Task
	12. Quiz 2: Functions
	13. Alternate Quiz 2 - Form A: Functions*
	14. Alternate Quiz 2 - Form B: Functions*
	15. Addition of Integers
	16. Subtraction of Integers
	17. Multiplying and Dividing Integers
18. Evaluating Expressions	
19. Quiz 3: Integers	
20. Alternate Quiz 3 - Form A: Integers*	
21. Alternate Quiz 3 - Form B: Integers*	
22. Graphing	
23. One-Step Equations	
24. Two-Step Equations	
25. Problem Solving	
26. Performance Task	
27. Quiz 4: Modeling with Integers	
28. Alternate Quiz 4 - Form A: Modeling with Integers*	
29. Alternate Quiz 4 - Form B: Modeling with Integers*	
30. Special Project*	
31. Review	
32. Test	
33. Alternate Test - Form A*	
34. Alternate Test - Form B*	
35. Glossary and Credits	

Unit 3: Modeling Problems with Rational Numbers	
Assignments	
Mathematics 800	1. Prime Factorization and the GCF
	2. Simplifying Fractions
	3. The LCM and the LCD
	4. Quiz 1: Number Theory
	5. Alternate Quiz 1 - Form A: Number Theory*
	6. Alternate Quiz 1 - Form B: Number Theory*
	7. Adding and Subtracting Like Fractions
	8. Adding and Subtracting Unlike Fractions
	9. Adding and Subtracting Decimal Numbers
	10. Multiplying and Dividing Fractions
	11. Multiplying and Dividing Decimal Numbers
	12. Irrational Numbers
	13. Performance Task
	14. Quiz 2: Solving Problems with Rational Numbers
	15. Alternate Quiz 2 - Form A: Solving Problems with Rational Numbers*
	16. Alternate Quiz 2 - Form B: Solving Problems with Rational Numbers*
	17. One-Step Addition and Subtraction Equations
	18. One-Step Multiplication and Division Equations
	19. Two-Step Equations
	20. One-Step Inequalities
	21. Two-Step Inequalities
	22. Performance Task
	23. Quiz 3: Solving Equations and Inequalities
	24. Alternate Quiz 3 - Form A: Solving Equations and Inequalities*
	25. Alternate Quiz 3 - Form B: Solving Equations and Inequalities*
	26. Special Project*
	27. Review
	28. Test
	29. Alternate Test - Form A**
	30. Alternate Test - Form B
	31. Glossary and Credits

Unit 4: Proportional Reasoning	
Assignments	
Mathematics 800	1. Proportions
	2. Linear Applications
	3. Direct Variation
	4. Quiz 1: Proportions
	5. Alternate Quiz 1-Form A: Proportions*
	6. Alternate Quiz 1-Form B: Proportions*
	7. Fraction, Percent, and Decimal Equivalents
	8. Solving Percent Problems
	9. Application of Ratios and Percents
	10. More Applications with Percents
	11. Performance Task
	12. Quiz 2: Percents
	13. Alternate Quiz 2-Form A: Percents*
	14. Alternate Quiz 2-Form B: Percents*
	15. Unit Conversion within Customary Units
	16. Unit Conversion within Metric Units
	17. Corresponding Parts
	18. Indirect Measure
	19. Models and Scales
	20. Performance Task
	21. Quiz 3: Measurement/Similar Figures
	22. Alternate Quiz 3-Form A: Measurement/Similar Figures*
	23. Alternate Quiz 3-Form B: Measurement/Similar Figures*
	24. Project: Proportional Reasoning
	25. Alternate Project: Proportional Reasoning*
	26. Special Project*
	27. Review
	28. Test
	29. Alternate Test-Form A*
	30. Alternate Test-Form B*
	31. Glossary and Credits

Unit 5: More with Functions	
Assignments	
Mathematics 800	1. Rewriting Equations
	2. Combine Like Terms
	3. Solving Equations by Combining Like Terms
	4. Distributive Property
	5. Solving Equations with Distributive Property
	6. Solving Equations with Special Solutions
	7. Literal Equations
	8. Performance Task
	9. Quiz 1: Solving Equations
	10. Alternate Quiz 1 - Form A: Solving Equations*
	11. Alternate Quiz 1 - Form B: Solving Equations*
	12. Slope
	13. Comparing Functions
	14. Using Intercepts
	15. Slope-Intercept Form
	16. More Slope-Intercept Form
	17. Applications of Linear Functions
	18. Non-Linear Functions
	19. Performance Task
	20. Quiz 2: Families of Functions
	21. Alternate Quiz 2 - Form A: Families of Functions*
	22. Alternate Quiz 2 - Form B: Families of Functions*
23. Graphing Systems of Linear Equations	
24. Solving Systems of Linear Equations using Substitution	
25. Solving Systems of Linear Equations using Addition	
26. Applications of Linear Systems	
27. Quiz 3: System of Equations	
28. Alternate Quiz 3 - Form A: System of Equations*	
29. Alternate Quiz 3 - Form B: System of Equations*	
30. Patterns and Arithmetic Sequences	
31. Geometric Sequences	
32. Exponential Sequences	
33. Recursive Sequences	
34. Quiz 4: Patterns	
35. Alternate Quiz 4 - Form A: Patterns*	
36. Alternate Quiz 4 - Form B: Patterns*	
37. Special Project*	
38. Review	
39. Test	
40. Alternate Test - Form A*	
41. Alternate Test - Form B*	
42. Glossary and Credits	

Unit 6: Measurement	
Assignments	
Mathematics 800	1. Classify and Measure Angles
	2. Perpendicular and Parallel Lines, Part 1
	3. Perpendicular and Parallel Lines, Part 2
	4. Circles
	5. Quiz 1: Angle Measures and Circles
	6. Alternate Quiz 1 - Form A: Angle Measures and Circles*
	7. Alternate Quiz 1 - Form B: Angle Measures and Circles*
	8. Classifying Polygons
	9. Interior and Exterior Measures of Polygons
	10. Classifying Triangles and the Triangle Inequality Theorem
	11. Performance Task
	12. The Quadrilateral Family
	13. Quiz 2: Polygons
	14. Alternate Quiz 2 - Form A: Polygons*
	15. Alternate Quiz 2 - Form B: Polygons*
	16. Pythagorean Theorem, Part 1
	17. Pythagorean Theorem, Part 2
	18. Performance Task
	19. Quiz 3: Indirect Measure
	20. Alternate Quiz 3 - Form A: Indirect Measure*
	21. Alternate Quiz 3 - Form B: Indirect Measure*
	22. Special Project*
	23. Review
	24. Test
	25. Alternate Test - Form A*
	26. Alternate Test - Form B*
	27. Glossary and Credits

Unit 7: Plane Geometry	
Assignments	
Mathematics 800	1. Perimeter and Circumference
	2. Area of Parallelograms
	3. Area of Triangles and Trapezoids
	4. Area of Circles
	5. Composite Figures
	6. Effects of Dimensional Changes
	7. Performance Task
	8. Quiz 1: Perimeter and Area
	9. Alternate Quiz 1 - Form A: Perimeter and Area*
	10. Alternate Quiz 1 - Form B: Perimeter and Area*
	11. Symmetry
	12. Distance and Midpoint
	13. Reflections
	14. Quiz 2: Symmetry and Reflections
	15. Alternate Quiz 2 - Form A: Symmetry and Reflections*
	16. Alternate Quiz 2 - Form B: Symmetry and Reflections*
	17. Translations
	18. Tessellations
	19. Rotations
	20. Dilations
	21. Angle Reflections, Translations, and Rotations
	22. Performance Task
	23. Quiz 3: Other Transformations
	24. Alternate Quiz 3 - Form A: Other Transformations*
	25. Alternate Quiz 3 - Form B: Other Transformations*
	26. Special Project*
	27. Review
	28. Test
	29. Alternate Test - Form A*
	30. Alternate Test - Form B*
	31. Glossary and Credits

Unit 8: Measures of Solid Figures	
Assignments	
Mathematics 800	1. Solid Figures
	2. Euler's Formula
	3. Surface Area of Rectangular Prisms
	4. Surface Area of Triangular Prisms
	5. Performance Task
	6. Surface Area of Cylinders
	7. Surface Area of Pyramids, Cones, and Spheres
	8. Surface Area of Composite Figures
	9. Quiz 1: Surface Area
	10. Alternate Quiz 1 - Form A: Surface Area*
	11. Alternate Quiz 1 - Form B: Surface Area*
	12. Volume of Rectangular Prisms
	13. Volume of Triangular Prisms
	14. Volume of Square Pyramids
	15. Volume of Cylinders
	16. Volume of Cones
	17. Volume of Spheres
	18. Changes to Volume
	19. Volume of Composite Figures
	20. Performance Task
	21. Quiz 2: Volume
	22. Alternate Quiz 2 - Form A: Volume*
	23. Alternate Quiz 2 - Form B: Volume*
	24. Special Project*
	25. Review
	26. Test
	27. Alternate Test - Form A*
	28. Alternate Test - Form B*
	29. Glossary and Credits

Unit 9: Data Analysis		
Assignments		
Mathematics 800	1. Collecting Data	16. Appropriate Displays
	2. Measures of Central Tendency and Dispersion	17. Application of Data Analysis
	3. Bar Graphs	18. Performance Task
	4. Circle Graphs	19. Quiz 2: More Data Displays
	5. Line Graphs	20. Alternate Quiz 2 - Form A: More Data Displays*
	6. Frequency and Histograms	21. Alternate Quiz 2 - Form B: More Data Displays*
	7. Two-Way Frequency Tables	22. Financial Responsibility
	8. Performance Task	23. Calculating Interest
	9. Quiz 1: Collecting and Representing Data	24. Educational Funding
	10. Alternate Quiz 1 - Form A: Collecting and Representing Data*	25. Quiz 3: Personal Finances
	11. Alternate Quiz 1 - Form B: Collecting and Representing Data*	26. Special Project*
	12. Constructing Box-and-Whisker Plots	27. Review
	13. Interpreting Box-and-Whisker Plots	28. Test
	14. Scatter Plots	29. Alternate Test - Form A*
	15. Misleading Graphs	30. Alternate Test - Form B*
	31. Glossary and Credits	

Unit 10: Probability		
Assignments		
Mathematics 800	1. Tree Diagrams and the Counting Principle	13. Performance Task
	2. Permutations	14. Quiz 2: Probability
	3. Combinations	15. Alternate Quiz 2 - Form A: Probability*
	4. Mixed Review of Outcomes	16. Alternate Quiz 2 - Form B: Probability*
	5. Quiz 1: Outcomes	17. Simulate a Problem
	6. Alternate Quiz 1 - Form A: Outcomes*	18. Quest: All That's Fair In... *
	7. Alternate Quiz 1 - Form B: Outcomes*	19. Special Project*
	8. Probability and Odds	20. Review
	9. Experimental vs Theoretical Probability	21. Test
	10. Disjointed and Overlapping Events	22. Alternate Test - Form A*
	11. Independent and Dependent Events	23. Alternate Test - Form B*
	12. Performance Task	24. Glossary and Credits

Unit 11: Course Review and Exam		
Assignments		
Mathematics 800	1. Review 1	6. Performance Task 1*
	2. Review 2	7. Performance Task 2*
	3. Final Exam	8. Performance Task 3*
	4. Final Exam - Form A*	9. Performance Task 4*
	5. Final Exam - Form B*	

Unit 12: End of Course		
Assignments		
Mathematics 800	1. Exam*	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

Algebra I Fundamentals

Algebra I Fundamentals is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

- **Foundations of Algebra:** Student will identify different real number properties, and how to use them to solve algebraic expressions.
- **Linear Equations:** Student will translate word problems into algebraic equations, and solve them using real number properties, converting between fractions, decimals, and percents.
- **Functions:** Student will understand the characteristics of functions, how to plot them, how to derive their equations, and determine what type of function a graph represents.
- **Inequalities:** Student will write, graph, and solve inequalities using real number properties.
- **Linear Systems:** Student will determine the solution of a pair of linear equations, using the addition method, substitution method and matrices.
- **Polynomials:** Student will add, subtract, multiply, and divide monomials and polynomials, as well as factor polynomials, using several different methods.
- **Exponential and Radical Functions:** Student will simplify powers of products, a power raised to a power, and quotients of powers, using the rule of exponents, and add, subtract, multiply, and divide radical expressions to solve equations.
- **Quadratics:** Student will identify, write, and graph various triangle, circle and quadratic equations and inequalities using the Pythagorean theorem, and by factoring, completing the square, and using the square root method.
- **Rational Expressions:** Student will add and subtract fractions with like and unlike denominators, solve proportions, equations and inequalities containing rational expressions, and solve different word problems using rational equations.
- **Probability and Statistics:** Student will determine the central tendencies of a given data set, as well as evaluate probability of possible outcomes using multiple methods.

Unit 1: Foundations of Algebra		
Assignments		
Algebra I Fundamentals	1. Course Overview	12. Quiz 2: The Real Numbers
	2. Variables and Expressions	13. Commutative and Associative Properties
	3. Exponents and Order of Operations	14. Distributive Property
	4. Evaluating Expressions	15. Simplifying Expressions
	5. Quiz 1: The Language of Algebra	16. Quiz 3: Properties of the Real Numbers
	6. Classifying and Comparing Numbers	17. Special Project*
	7. Decimal-Fraction Conversions	18. Review
	8. Fractions	19. Test
	9. Adding and Subtracting Signed Numbers	20. Alternate Test*
	10. Multiplying and Dividing Signed Numbers	21. Glossary and Credits
	11. Absolute Value	

Unit 2: Linear Equations		
Assignments		
Algebra I Fundamentals	1. Open Sentences	13. More than Two Unknowns
	2. Addition Property of Equality	14. Using a Chart
	3. Multiplication Property of Equality	15. Quiz 3: Word Problems
	4. Two-Step Equations	16. Percent Problems
	5. Quiz 1: Solving Equations	17. Mixture and Interest Problems
	6. Variables on Both Sides	18. Quiz 4: Mixture and Investment Problems
	7. Combining Like Terms	19. Special Project*
	8. The Distributive Property	20. Review
	9. Literal Equations	21. Test
	10. Quiz 2: Multi-Step Equations	22. Alternate Test*
	11. Writing Equations from Word Problems	23. Glossary and Credits
	12. Two Unknowns	

Unit 3: Functions		
Assignments		
Algebra I Fundamentals	1. The Coordinate Plane	13. Absolute Value Functions
	2. Identifying Functions	14. Quiz 3: Graphing Linear Functions
	3. Function Notation	15. Writing Linear Equations (1)
	4. Modeling Functions	16. Writing Linear Equations (2)
	5. Quiz 1: Function Basics	17. Writing Linear Equations (3)
	6. Writing a Function Rule	18. Quiz 4: Writing Linear Equations
	7. Arithmetic Sequences	19. Special Project*
	8. Direct Variation	20. Review
	9. Slope	21. Test
	10. Quiz 2: Patterns	22. Alternate Test*
	11. Linear Equations	23. Glossary and Credits
	12. Slope-Intercept Form	

Unit 4: Inequalities		
Assignments		
Algebra I Fundamentals	1. Graphing	11. Absolute Value Solution Sets
	2. Addition Property of Inequality	12. Absolute Value Inequalities with One Variable
	3. Multiplication Property of Inequality	13. Absolute Value Inequalities with Two Variables
	4. Multi-Step Inequalities	14. Quiz 3: Absolute Value
	5. Problem Solving	15. Special Project*
	6. Quiz 1: Solving Inequalities	16. Review
	7. Compound Inequality Graphs	17. Test
	8. Solving Compound Inequalities	18. Alternate Test*
	9. Inequalities with Two Variables	19. Glossary and Credits
	10. Quiz 2: Compound Inequalities	

Unit 5: Linear Systems		
Assignments		
Algebra I Fundamentals	1. Solution of a System	11. Money and Unit Pricing
	2. Graphing Systems of Equations	12. Using Formulas
	3. Systems of Inequalities	13. Quiz 3: Representing Problems Using a Linear System
	4. Quiz 1: Solving Linear Systems by Graphing	14. Special Project*
	5. Substitution Method	15. Review
	6. Addition Method	16. Test
	7. Matrices	17. Alternate Test*
	8. Fractional Coefficients	18. Glossary and Credits
	9. Quiz 2: Solving Linear Systems Algebraically	
	10. Using Two Variables	

Unit 6: Semester Review and Exam		
Assignments		
Algebra I Fundamentals	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Unit 7: Polynomials		
Assignments		
Algebra I Fundamentals	1. Adding and Subtracting Polynomials	12. Factoring by Grouping
	2. Grouping Symbols	13. Factoring Trinomials (1)
	3. Quiz 1: Adding and Subtracting Polynomials	14. Factoring Trinomials (2)
	4. Multiplying by a Monomial	15. Special Cases
	5. Multiplying Polynomials	16. Complete Factorization
	6. F.O.I.L. and Special Cases	17. Quiz 3: Factoring Polynomials
	7. Dividing by a Monomial	18. Special Project*
	8. Long Division	19. Review
	9. Quiz 2: Multiplying and Dividing Polynomials	20. Test
	10. Greatest Common Factor	21. Alternate Test*
	11. Factoring Out the GCF	22. Glossary and Credits

Unit 8: Exponential and Radical Functions																					
Algebra I Fundamentals	Assignments																				
	<table border="0"> <tr> <td>1. Negative Exponents</td> <td>11. Multiplying Radicals</td> </tr> <tr> <td>2. Exponential Expressions</td> <td>12. Dividing Radicals</td> </tr> <tr> <td>3. Scientific Notation</td> <td>13. Adding and Subtracting Radicals</td> </tr> <tr> <td>4. Quiz 1: Evaluating Exponential Expressions</td> <td>14. Radical Equations</td> </tr> <tr> <td>5. Multiplication</td> <td>15. Quiz 3: Radical Functions</td> </tr> <tr> <td>6. Raising to a Power</td> <td>16. Special Project*</td> </tr> <tr> <td>7. Division</td> <td>17. Review</td> </tr> <tr> <td>8. Geometric Sequences</td> <td>18. Test</td> </tr> <tr> <td>9. Quiz 2: Properties of Exponents</td> <td>19. Alternate Test*</td> </tr> <tr> <td>10. Simplifying Radicals</td> <td>20. Glossary and Credits</td> </tr> </table>	1. Negative Exponents	11. Multiplying Radicals	2. Exponential Expressions	12. Dividing Radicals	3. Scientific Notation	13. Adding and Subtracting Radicals	4. Quiz 1: Evaluating Exponential Expressions	14. Radical Equations	5. Multiplication	15. Quiz 3: Radical Functions	6. Raising to a Power	16. Special Project*	7. Division	17. Review	8. Geometric Sequences	18. Test	9. Quiz 2: Properties of Exponents	19. Alternate Test*	10. Simplifying Radicals	20. Glossary and Credits
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Unit 9: Quadratics																							
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Unit 10: Rational Expressions																			
Algebra I Fundamentals	Assignments																		
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Unit 11: Probability and Statistics																			
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	6. Sampling and Outcomes	15. Review																	
	7. Permutations	16. Test																	
	8. Combinations	17. Alternate Test*																	
	9. Quiz 2: Outcomes	18. Glossary and Credits																	

Unit 12: Semester Review and Exam					
Algebra I Fundamentals	Assignments				
	<table border="0"> <tr> <td>1. Review</td> <td>3. Alternate Exam – Form A*</td> </tr> <tr> <td>2. Exam</td> <td>4. Alternate Exam – Form B*</td> </tr> </table>	1. Review	3. Alternate Exam – Form A*	2. Exam	4. Alternate Exam – Form B*
	1. Review	3. Alternate Exam – Form A*			
	2. Exam	4. Alternate Exam – Form B*			

Algebra I Fundamentals	Unit 13: Final Exam	
	Assignments	
	1. Exam	3. Alternate Exam – Form B*
	2. Alternate Exam – Form A*	

Algebra I

Algebra I – is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

- **Foundations of Algebra:** Student will identify different real number properties, and how to use them to solve algebraic expressions.
- **Linear Equations:** Student will translate word problems into algebraic equations, and solve them using real number properties, converting between fractions, decimals, and percents.
- **Functions:** Student will understand the characteristics of functions, how to plot them, how to derive their equations, and determine what type of function a graph represents.
- **Inequalities:** Student will write, graph, and solve inequalities using real number properties.
- **Linear Systems:** Student will determine the solution of a pair of linear equations, using the addition method, substitution method and matrices.
- **Polynomials:** Student will add, subtract, multiply, and divide monomials and polynomials, as well as factor polynomials, using several different methods.
- **Exponential and Radical Functions:** Student will simplify powers of products, a power raised to a power, and quotients of powers, using the rule of exponents, and add, subtract, multiply, and divide radical expressions to solve equations.
- **Quadratics:** Student will identify, write, and graph various triangle, circle and quadratic equations and inequalities using the Pythagorean theorem, and by factoring, completing the square, and using the square root method.
- **Rational Expressions:** Student will add and subtract fractions with like and unlike denominators, solve proportions, equations and inequalities containing rational expressions, and solve different word problems using rational equations.
- **Probability and Statistics:** Student will determine the central tendencies of a given data set, as well as evaluate probability of possible outcomes using multiple methods.

Unit 1: Foundations of Algebra		
Assignments		
Algebra I	1. Course Overview	13. Commutative and Associative Properties
	2. Variables and Expressions	14. Distributive Property
	3. Exponents and Order of Operations	15. Simplifying Expressions
	4. Evaluating Expressions	16. Quiz 3: Properties of the Real Numbers
	5. Quiz 1: The Language of Algebra	17. Performance Task
	6. Classifying and Comparing Numbers	18. Alternate Performance Task*
	7. Decimal-Fraction Conversions	19. Special Project*
	8. Fractions	20. Review
	9. Adding and Subtracting Signed Numbers	21. Test
	10. Multiplying and Dividing Signed Numbers	22. Alternate Test*
	11. Absolute Value	23. Glossary and Credits
	12. Quiz 2: The Real Numbers	

Unit 2: Linear Equations		
Assignments		
Algebra I	1. Open Sentences	14. Using a Chart
	2. Addition Property of Equality	15. Quiz 3: Word Problems
	3. Multiplication Property of Equality	16. Percent Problems
	4. Two-Step Equations	17. Mixture and Interest Problems
	5. Quiz 1: Solving Equations	18. Quiz 4: Mixture and Investment Problems
	6. Variables on Both Sides	19. Performance Task
	7. Combining Like Terms	20. Alternate Performance Task*
	8. The Distributive Property	21. Special Project*
	9. Literal Equations	22. Review
	10. Quiz 2: Multi-Step Equations	23. Test
	11. Writing Equations from Word Problems	24. Alternate Test*
	12. Two Unknowns	25. Glossary and Credits
	13. More than Two Unknowns	

Unit 3: Functions		
Assignments		
Algebra I	1. The Coordinate Plane	16. Function Relationships
	2. Identifying Functions	17. Quiz 3: Graphing Linear Functions
	3. Function Notation	18. Writing Linear Equations (1)
	4. Modeling Functions	19. Writing Linear Equations (2)
	5. Quiz 1: Function Basics	20. Writing Linear Equations (3)
	6. Writing a Function Rule	21. Inverse Functions
	7. Arithmetic Sequences	22. Scatter Plots
	8. Direct Variation	23. Quiz 4: Writing Linear Equations
	9. Slope	24. Performance Task
	10. Quiz 2: Patterns	25. Alternate Performance Task*
	11. Linear Equations	26. Special Project*
	12. Slope-Intercept Form	27. Review
	13. Absolute Value Functions	28. Test
	14. Piecewise Defined Functions	29. Alternate Test*
	15. Graphs of Piecewise Functions	30. Glossary and Credits

Unit 4: Inequalities		
Assignments		
Algebra I	1. Graphing	12. Absolute Value Inequalities with One Variable
	2. Addition Property of Inequality	13. Absolute Value Inequalities with Two Variables
	3. Multiplication Property of Inequality	14. Quiz 3: Absolute Value
	4. Multi-Step Inequalities	15. Performance Task
	5. Problem Solving	16. Alternate Performance Task*
	6. Quiz 1: Solving Inequalities	17. Special Project*

Algebra I	7. Compound Inequality Graphs	18. Review
	8. Solving Compound Inequalities	19. Test
	9. Inequalities with Two Variables	20. Alternate Test*
	10. Quiz 2: Compound Inequalities	21. Glossary and Credits
	11. Absolute Value Solution Sets	

Unit 5: Linear Systems		
Assignments		
Algebra I	1. Solution of a System	12. Money and Unit Pricing
	2. Graphing Systems of Equations	13. Using Formulas
	3. Systems of Inequalities	14. Quiz 3: Representing Problems Using a Linear System
	4. Applications of Inequalities	15. Performance Task
	5. Quiz 1: Solving Linear Systems by Graphing	16. Alternate Performance Task*
	6. Substitution Method	17. Special Project*
	7. Addition Method	18. Review
	8. Matrices	19. Test
	9. Fractional Coefficients	20. Alternate Test*
	10. Quiz 2: Solving Linear Systems Algebraically	21. Glossary and Credits
	11. Using Two Variables	

Unit 6: Semester Review and Exam		
Assignments		
Algebra I	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Unit 7: Polynomials		
Assignments		
Algebra I	1. Adding and Subtracting Polynomials	13. Factoring Trinomials (1)
	2. Grouping Symbols	14. Factoring Trinomials (2)
	3. Quiz 1: Adding and Subtracting Polynomials	15. Special Cases
	4. Multiplying by a Monomial	16. Complete Factorization
	5. Multiplying Polynomials	17. Quiz 3: Factoring Polynomials
	6. F.O.I.L. and Special Cases	18. Performance Task
	7. Dividing by a Monomial	19. Alternate Performance Task*
	8. Long Division	20. Special Project*
	9. Quiz 2: Multiplying and Dividing Polynomials	21. Review
	10. Greatest Common Factor	22. Test
	11. Factoring Out the GCF	23. Alternate Test*
	12. Factoring by Grouping	24. Glossary and Credits

Unit 8: Exponential and Radical Functions	
Assignments	
Algebra I	1. Negative Exponents
	2. Exponential Expressions
	3. Exponential Functions
	4. Scientific Notation
	5. Applications of Exponential Functions
	6. Quiz 1: Evaluating Exponential Expressions
	7. Multiplication
	8. Raising to a Power
	9. Division
	10. Geometric Sequences
	11. Geometric Sequences (2)
	12. Project: Recursive Sequences
	13. Quiz 2: Properties of Exponents
	14. Simplifying Radicals
15. Multiplying Radicals	
16. Dividing Radicals	
17. Adding and Subtracting Radicals	
18. Radical Equations	
19. Graphing Radical Functions	
20. Quiz 3: Radical Functions	
21. Performance Task	
22. Alternate Performance Task*	
23. Special Project*	
24. Review	
25. Test	
26. Alternate Test*	
27. Glossary and Credits	

Unit 9: Quadratics	
Assignments	
Algebra I	1. Pythagorean Theorem
	2. Distance
	3. Systems of Linear and Exponential Equations
	4. Midpoint
	5. Quiz 1: Formulas
	6. Quadratic Functions
	7. Transformations
	8. Transformations (2)
	9. Line of Symmetry
	10. Quadratic Inequalities
	11. Quiz 2: Graphing Quadratic Functions
	12. Solving by Factoring
	13. Project: Solving Polynomials by Factoring
	14. Square Root Method
	15. Applications of Quadratics
	16. Rate of Change
17. Completing the Square (1)	
18. Completing the Square (2)	
19. Quadratic Formula (1)	
20. Quadratic Formula (2)	
21. Systems of Equations	
22. Comparing Functions	
23. Function Composition	
24. Quiz 3: Solving Quadratic Equations	
25. Performance Task	
26. Alternate Performance Task*	
27. Special Project*	
28. Review	
29. Test	
30. Alternate Test*	
31. Glossary and Credits	

Unit 10: Rational Expressions	
Assignments	
Algebra I	1. Simplifying Rational Expressions
	2. Multiplying and Dividing Rational Expressions
	3. Adding and Subtracting with Like Denominators
	4. Adding and Subtracting with Unlike Denominators
	5. Quiz 1: Operations with Rational Expressions
	6. Proportions
	7. Using the LCD
	8. Complex Fractions
	9. Inequalities
10. Applications of Rational Equations	
11. More Problems	
12. Quiz 2: Rational Equations and Inequalities	
13. Performance Task	
14. Alternate Performance Task*	
15. Special Project*	
16. Review	
17. Test	
18. Alternate Test*	
19. Glossary and Credits	

Unit 11: Probability and Statistics	
Algebra I	Assignments
	1. Measures of Central Tendency
	2. Dispersion
	3. Interpreting Data
	4. Statistical Relationships
	5. Project: Plotting Residuals
	6. Project: Data Analysis
	7. Quiz 1: Measures of Central Tendency
	8. Sampling and Outcomes
	9. Permutations
	10. Combinations
	11. Quiz 2: Outcomes
	12. Probability
	13. Compound Events
14. Two-Way Frequency Tables	
15. Project: Probability	
16. Quiz 3: Probability	
17. Performance Task	
18. Alternate Performance Task*	
19. Special Project*	
20. Review	
21. Test	
22. Alternate Test*	
23. Glossary and Credits	

Unit 12: Semester Review and Exam	
Algebra I	Assignments
	1. Review
	2. Exam
	3. Alternate Exam – Form A*
4. Alternate Exam – Form B*	

Unit 13: Final Exam	
Algebra I	Assignments
	1. Exam
	2. Alternate Exam – Form A*
	3. Alternate Exam – Form B*
	4. Performance Task 1*
5. Performance Task 2*	

Unit 14: End of Course Exam	
Algebra I	Assignments
	1. Exam*
	2. Alternate Exam – Form A*
3. Alternate Exam – Form B*	

Geometry Fundamentals

Geometry Fundamentals is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

By the end of the course, students will be expected to do the following:

- Understand defined terms, axioms, postulates, and theories.
- Apply rules of formal logic and construct proofs in two-column format.
- Know how to solve for angles given parallels, perpendiculars, and transversals.
- Demonstrate how to solve for sides and angles of triangles, quadrilaterals, and polygons.
- Understand trigonometric ratios and know how to use them to solve for unknown sides and angles in given triangles as well as application word problems.
- Be able to determine arcs, chords, and sectors of circles.
- Calculate perimeter, area, and volume of figures and solids.
- Graph lines and determine slopes, midpoints, and distances.
- Interpret and construct the graphs and equations of quadratic functions.
- Make geometric constructions on paper.
- Represent results of motion geometry (translation, rotation, reflection, dilation).
- Calculate simple probabilities using addition, multiplication, permutations, combinations, and frequency tables.

Unit 1: Introduction	
Geometry Fundamentals	Assignments
	1. Course Overview
	2. Mathematic System: Set Theory Review
	3. Mathematic System: Operations with Sets
	4. Quiz 1: Set Theory
	5. Geometry Undefined Terms: Point
	6. Geometry Undefined Terms: Line
	7. Geometry Undefined Terms: Plane
	8. Quiz 2: Undefined Terms
	9. Defined Terms: Definitions
10. Quiz 3: Defined Terms	
11. Geometric Postulates	
12. Review of Algebraic Postulates	
13. Geometric Theorems	
14. Review of Properties of Algebra	
15. Quiz 4: Postulates and Theorems	
16. Special Project*	
17. Test	
18. Alternate Test*	
19. Glossary and Credits	
Unit 2: Logic	
Geometry Fundamentals	Assignments
	1. Logic
	2. Conjunctions
	3. Disjunctions
	4. Negation
	5. Conditional or Implication Statements
	6. Converse, Inverse, Contrapositive
	7. Quiz 1: Principles of Logic
12. Proof Formats: Statement of the Theorem	
13. Proof Formats: The Figure	
14. Proof Formats: The Given Statement	
15. Proof Formats: To Prove Statement	
16. Proof Formats: The Plan of the Proof	
17. Indirect Proof Format: The Paragraph Proof	
18. Quiz 3: Proof Formats	

8. Inductive Reasoning	19. Special Project*
9. Deductive Reasoning	20. Test
10. Using Deductive Reasoning	21. Alternate Test*
11. Quiz 2: Inductive and Deductive Reasoning	22. Glossary and Credits

Unit 3: Angles and Parallels	
Assignments	
Geometry Fundamentals	1. Angle Definitions
	2. Angle Measurement
	3. Quiz 1: Angles
	4. Angle Relationship Definitions
	5. Angle Relationship Theorems (1)
	6. Angle Relationship Theorems (2)
	7. Quiz 2: Angle Theorems
	8. Construction: Copying Figures
	9. Construction: Bisecting Figures
	10. Basic Properties of Parallels
	11. Transversals and Special Angles
	12. More Proofs: Transversals and Special Angles
	13. Continued Proofs: Transversals and Special Angles
	14. More Proofs for Postulates 9 and 10
15. Quiz 3: Parallels and Transversals	
16. Construction: Perpendiculars	
17. Construction: Tangents to Circles	
18. Construction: Parallels	
19. Classifying Triangles by Sides and Angles	
20. Exterior and Remote Interior Angles of a Triangle	
21. Proofs Involving Triangles	
22. Other Polygons	
23. Quiz 4: Triangles, Polygons, and Angle Properties	
24. Special Project*	
25. Test	
26. Alternate Test*	
27. Glossary and Credits	

Unit 4: Congruent Triangles and Quadrilaterals	
Assignments	
Geometry Fundamentals	1. Defining Congruent Triangles
	2. Proving Triangles Congruent (1)
	3. Proving Triangles Congruent (2)
	4. Proving Right Triangles Congruent
	5. Quiz 1: Congruent Triangles
	6. Independent Triangles (1)
	7. Independent Triangles (2)
	8. Overlapping Triangles (1)
	9. Overlapping Triangles (2)
	10. Isosceles Triangles (1)
	11. Isosceles Triangles (2)
	12. Construction of Triangles 30-60-90
	13. Construction of Triangles 45-45-90
	14. Quiz 2: Types of Triangles
	15. Inequality Theorem in One Triangle Part 1
16. Inequality Theorem in One Triangle Part 2	
17. Inequality Theorem in Two Triangles	
18. Quadrilateral Parallelograms Theorems Part 1	
19. Quadrilateral Parallelograms Theorems Part 2	
20. Quiz 3: Inequalities; Quadrilaterals	
21. Triangles that Use Parallelograms in Proofs	
22. Parallelograms: Rectangles	
23. Parallelograms: Rhombus	
24. Trapezoids-Definitions and Proofs	
25. Quiz 4: Parallelograms; Trapezoids	
26. Special Project*	
27. Test	
28. Alternate Test*	
29. Glossary and Credits	

Unit 5: Similar Polygons		
Assignments		
Geometry Fundamentals	1. Algebra and Ratios	15. Using Triangles: Rectangular Solids
	2. Algebra Properties and Proportions	16. Using Triangles: Regular Square Pyramid
	3. Properties of Proportions	17. Trigonometry-Sine Ratio
	4. Quiz 1: Ratios, Properties, and Proportions	18. Trigonometry-Cosine Ratio
	5. Meaning of Similarity	19. Trigonometry-Tangent Ratio
	6. Meaning of Similarity-Theorems	20. Using Similar Triangles in Indirect Measurement
	7. Meaning of Similarity-Proofs	21. Using Trigonometry in Indirect Measure
	8. Theorems-Similar Polygons	22. Quiz 3: Triangles and Trigonometry
	9. Theorems-Special Segments in Triangles	23. Project: Model and Scale Drawing
	10. Similar Right Triangles	24. Special Project*
	11. The Pythagorean Theorem	25. Test
	12. Theorem about 30-60-90 Right Triangles	26. Alternate Test*
	13. Theorem about 45-45-90 Right Triangles	27. Glossary and Credits
	14. Quiz 2: Similarity; Triangle Theorems	

Unit 6: Semester Review and Exam		
Assignments		
GF	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

Unit 7: Circles		
Assignments		
Geometry Fundamentals	1. Characteristics of Circles	11. Special Angles Type 2
	2. Characteristics of Spheres	12. Special Angles Type 3
	3. Quiz 1: Circles and Spheres	13. Special Segments
	4. Tangents	14. Quiz 3: Special Angles and Segments
	5. Arcs	15. Construction: Circles
	6. Chords	16. Special Project*
	7. Theorems (1)	17. Test
	8. Theorems (2)	18. Alternate Test*
	9. Quiz 2: Tangents, Arcs, and Chords	19. Glossary and Credits
	10. Special Angles Type 1	

Unit 8: Area and Volume		
Assignments		
Geometry Fundamentals	1. Area Concepts of Polygons	15. Solids: Prisms
	2. Area of Rectangles	16. Solids: Pyramids
	3. Area of Parallelograms	17. Solids: Cylinders
	4. Area of Triangles and Rhombuses	18. Solids: Cones
	5. Area of Trapezoids	19. Solids: Spheres
	6. Area of Regular Polygons	20. Quiz 3: Volume of Solids
	7. Area Comparisons of Polygons	21. Construction: Dividing a Segment
	8. Quiz 1: Area of Polygons	22. Construction: 4th Proportion
	9. Construction: Polygons	23. Construction: The Geometric Mean
	10. Circles: Circumference and PI	24. Special Project*
	11. Circles: Area of Circles	25. Test
	12. Circles: Area of Sectors	26. Alternate Test*
	13. Circles: Area of Segments	27. Glossary and Credits
	14. Quiz 2: Area of Circles	

Unit 9: Coordinate Geometry		
Assignments		
Geometry Fundamentals	1. Symmetry	11. Equations of Lines
	2. Ordered Pairs: Points in a Plane	12. Quiz 3: Slope and Lines
	3. Graphs of Algebraic Sentences	13. Figures in the Coordinate Plane
	4. Quiz 1: Symmetry, Ordered Pairs, and Graphs	14. Proofs with Coordinate Geometry (1)
	5. Distance Formula	15. Proofs with Coordinate Geometry (2)
	6. Equation of a Circle	16. Quiz 4: Figures and Proofs
	7. Midpoint Formula	17. Special Project*
	8. Quiz 2: Distance Formula and Applications	18. Test
	9. Slope	19. Alternate Test*
	10. Parallel and Perpendicular Lines	20. Glossary and Credits

Unit 10: Transformations		
Assignments		
Geometry Fundamentals	1. Introduction: Rigid Motion, or Isometry	8. Inverse and Identity Transformation
	2. Isometry: Reflection	9. Quiz 2: Transformations
	3. Isometry: Translation	10. Special Project*
	4. Isometry: Rotation	11. Test
	5. Quiz 1: Isometry	12. Alternate Test*
	6. Dilation: Congruence and Similarity	13. Glossary and Credits
	7. Product Transformation	

Unit 11: Review	
Geometry Fundamentals	Assignments
	1. Geometry as a System
	2. Geometry Proofs
	3. Angle Relationships and Parallels
	4. Quiz 1: Review: Units 1-3
	5. Congruent Triangles and Quadrilaterals
	6. Similar Polygons
	7. Circles
	8. Quiz 2: Review: Units 4,5,7
	9. Area and Volume
	10. Coordinate Geometry
	11. Quiz 3: Review: Units 7,8,10
	12. Special Project*
	13. Test
	14. Alternate Test*
15. Glossary and Credits	

Unit 12: Semester Review and Exam	
GF	Assignments
	1. Review
	2. Exam
	3. Alternate Exam - Form A*
	4. Alternate Exam - Form B*

Unit 13: Final Exam	
GF	Assignments
	1. Final Exam
	2. Alternate Exam - Form A*
	3. Alternate Exam - Form B*

Geometry

Geometry is a full-year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, quadratic, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

- **Introduction:** Student will solve problems using set theory and operations, identify characteristics of postulates and relate geometric theorems on points, lines, and planes.
- **Logic:** Student will use inductive reasoning to draw reasonable conclusions, or deductive reasoning to prove basic theorems, and write conditional statements, converses, inverses and contrapositives.
- **Angles and Parallels:** Student will identify types of angles, categorize a shape as a polygon or non-polygon, identify different kinds of polygons, and find angle measures of polygons.
- **Congruent Triangles and Quadrilaterals:** Student will identify corresponding parts of congruent triangles, prove congruent parts using different theorems and postulates, and solve for angle measures of congruent polygons.
- **Similar Polygons:** Student will use facts about similarity to calculate side and angle measures in similar polygons, and use sine, cosine, and tangent values to solve for missing values in triangles.
- **Circles:** Student will identify different parts of a circle, and angles and arcs created by different lines interacting with circles, and calculate their measures.
- **Area and Volume:** Student will calculate the area, surface area, and volume of varying polygons by breaking them down into smaller and recognizable shapes.
- **Coordinate Geometry:** Student will graph linear equations and inequalities, use the distance and mid-point formulas to find lengths of segments and perimeters of geometric shapes, and find the equation of a line in various ways.
- **Transformations:** Student will understand rotations, reflections, dilations and translations in terms of angles, circles, perpendicular lines, and line segments, and find the result of combining multiple transformations.
- **Geometric Application:** Student will use the functions sine, cosine, and tangent, and the inverse trigonometric functions (\sin^{-1} , \cos^{-1} , and \tan^{-1}) to calculate unknown side lengths in right triangles, calculate densities, and use ratios to calculate unit scales.
- **Probability:** Student will determine the number of combinations, or permutations, in choosing elements from a set, explain the concept of conditional probability as found in everyday situations, and analyze decisions and strategies using probability concepts.

Unit 1: Introduction		
Assignments		
Geometry	1. Course Overview	12. Review of Algebraic Postulates
	2. Mathematic System: Set Theory Review	13. Geometric Theorems
	3. Mathematic System: Operations with Sets	14. Review of Properties of Algebra
	4. Quiz 1: Set Theory	15. Quiz 4: Postulates and Theorems
	5. Geometry Undefined Terms: Point	16. Performance Task
	6. Geometry Undefined Terms: Line	17. Alternate Performance Task*
	7. Geometry Undefined Terms: Plane	18. Special Project*
	8. Quiz 2: Undefined Terms	19. Test
	9. Defined Terms: Definitions	20. Alternate Test*
	10. Quiz 3: Defined Terms	21. Glossary and Credits
	11. Geometric Postulates	

Unit 2: Logic		
Assignments		
Geometry	1. Logic	13. Proof Formats: The Figure
	2. Conjunctions	14. Proof Formats: The Given Statement
	3. Disjunctions	15. Proof Formats: To Prove Statement
	4. Negation	16. Proof Formats: The Plan of the Proof
	5. Conditional or Implication Statements	17. Indirect Proof Format: The Paragraph Proof
	6. Converse, Inverse, Contrapositive	18. Quiz 3: Proof Formats
	7. Quiz 1: Principles of Logic	19. Performance Task
	8. Inductive Reasoning	20. Alternate Performance Task*
	9. Deductive Reasoning	21. Special Project*
	10. Using Deductive Reasoning	22. Test
	11. Quiz 2: Inductive and Deductive Reasoning	23. Alternate Test*
	12. Proof Formats: Statement of the Theorem	24. Glossary and Credits

Unit 3: Angles and Parallels		
Assignments		
Geometry	1. Angle Definitions	13. Quiz 3: Parallels and Transversals
	2. Angle Measurement	14. Construction: Perpendiculars
	3. Quiz 1: Angles	15. Construction: Tangents to Circles
	4. Geometric Proof	16. Construction: Parallels
	5. Angle Relationship Definitions	17. Classifying Triangles by Sides and Angles
	6. Angle Relationship Theorems (1)	18. Exterior and Remote Interior Angles of a Triangle
	7. Angle Relationship Theorems (2)	19. Proofs Involving Triangles
	8. Quiz 2: Angle Theorems	20. Other Polygons
	9. Construction: Copying Figures	21. Quiz 4: Triangles, Polygons, and Angle Properties
	10. Construction: Bisecting Figures	22. Performance Task
	11. Basic Properties of Parallels	23. Alternate Performance Task*
	12. Transversals and Special Angles	24. Special Project*
	13. More Proofs: Transversals and Special Angles	25. Test
	14. Continued Proofs: Transversals and Special Angles	26. Alternate Test*
	15. More Proofs for Postulates 9 and 10	27. Glossary and Credits

Unit 4: Congruent Triangles and Quadrilaterals	
Assignments	
Geometry	1. Defining Congruent Triangles
	2. Proving Triangles Congruent (1)
	3. Proving Triangles Congruent (2)
	4. Proving Triangles Congruent (3)
	5. Proving Right Triangles Congruent
	6. Quiz 1: Congruent Triangles
	7. Independent Triangles (1)
	8. Independent Triangles (2)
	9. Overlapping Triangles (1)
	10. Overlapping Triangles (2)
	11. Isosceles Triangles (1)
	12. Isosceles Triangles (2)
	13. Construction of Triangles 30-60-90
	14. Construction of Triangles 45-45-90
	15. Constructing Inscribed Shapes
	16. Quiz 2: Types of Triangles
	17. Inequality Theorem in One Triangle Part 1
18. Inequality Theorem in One Triangle Part 2	
19. Inequality Theorem in Two Triangles	
20. Quadrilateral Parallelograms Theorems Part 1	
21. Quadrilateral Parallelograms Theorems Part 2	
22. Quiz 3: Inequalities; Quadrilaterals	
23. Triangles that Use Parallelograms in Proofs	
24. Parallelograms: Rectangles	
25. Parallelograms: Rhombus	
26. Trapezoids-Definitions and Proofs	
27. Quiz 4: Parallelograms; Trapezoids	
28. Performance Task	
29. Alternate Performance Task*	
30. Special Project*	
31. Test	
32. Alternate Test*	
33. Glossary and Credits	

Unit 5: Similar Polygons	
Assignments	
Geometry	1. Algebra and Ratios
	2. Algebra Properties and Proportions
	3. Properties of Proportions
	4. Quiz 1: Ratios, Properties, and Proportions
	5. Meaning of Similarity
	6. Meaning of Similarity-Theorems
	7. Meaning of Similarity-Proofs
	8. Theorems-Similar Polygons
	9. Theorems-Special Segments in Triangles
	10. Similar Right Triangles
	11. The Pythagorean Theorem
	12. Theorem about 30-60-90 Right Triangles
	13. Theorem about 45-45-90 Right Triangles
	14. Quiz 2: Similarity; Triangle Theorems
	15. Using Triangles: Rectangular Solids
13. Using Triangles: Regular Square Pyramid	
14. Trigonometry-Sine Ratio	
15. Trigonometry-Cosine Ratio	
16. Trigonometry-Tangent Ratio	
17. Using Similar Triangles in Indirect Measurement	
18. Using Trigonometry in Indirect Measure	
19. Quiz 3: Triangles and Trigonometry	
20. Project: Model and Scale Drawing	
21. Performance Task	
22. Alternate Performance Task*	
23. Special Project*	
24. Test	
25. Alternate Test*	
26. Glossary and Credits	
27.	

Unit 6: Semester Review and Exam	
Assignments	
Geometry	1. Review
	2. Exam
	3. Alternate Exam - Form A*
	4. Alternate Exam - Form B*

Unit 7: Circles		
Assignments		
Geometry	1. Characteristics of Circles	12. Special Angles Type 3
	2. Characteristics of Spheres	13. Special Segments
	3. Quiz 1: Circles and Spheres	14. Quiz 3: Special Angles and Segments
	4. Tangents	15. Construction: Circles
	5. Arcs	16. Performance Task
	6. Chords	17. Alternate Performance Task*
	7. Theorems (1)	18. Special Project*
	8. Theorems (2)	19. Test
	9. Quiz 2: Tangents, Arcs, and Chords	20. Alternate Test*
	10. Special Angles Type 1	21. Glossary and Credits
	11. Special Angles Type 2	

Unit 8: Area and Volume		
Assignments		
Geometry	1. Area Concepts of Polygons	17. Solids: Cylinders
	2. Area of Rectangles	18. Solids: Cones
	3. Area of Parallelograms	19. Solids: Spheres
	4. Area of Triangles and Rhombuses	20. Quiz 3: Volume of Solids
	5. Area of Trapezoids	21. Two- and Three-Dimensional Shapes
	6. Area of Regular Polygons	22. Project: Rotating a Two Dimensional Shape
	7. Area Comparisons of Polygons	23. Geometric Probability
	8. Quiz 1: Area of Polygons	24. Construction: Dividing a Segment
	9. Construction: Polygons	25. Construction: 4th Proportion
	10. Circles: Circumference and PI	26. Construction: The Geometric Mean
	11. Circles: Area of Circles	27. Performance Task
	12. Circles: Area of Sectors	28. Alternate Performance Task*
	13. Circles: Area of Segments	29. Special Project*
	14. Quiz 2: Area of Circles	30. Test
	15. Solids: Prisms	31. Alternate Test*
	16. Solids: Pyramids	32. Glossary and Credits

Unit 9: Coordinate Geometry		
Assignments		
Geometry	1. Symmetry	13. Quiz 3: Slope and Lines
	2. Ordered Pairs: Points in a Plane	14. Figures in the Coordinate Plane
	3. Graphs of Algebraic Sentences	15. Proofs with Coordinate Geometry (1)
	4. Quiz 1: Symmetry, Ordered Pairs, and Graphs	16. Proofs with Coordinate Geometry (2)
	5. Distance Formula	17. Quiz 4: Figures and Proofs
	6. Perimeter and Area	18. Performance Task 2
	7. Equation of a Circle	19. Alternate Performance Task 2*
	8. Midpoint Formula	20. Special Project*
	9. Quiz 2: Distance Formula and Applications	21. Test
	10. Slope	22. Alternate Test*
	11. Parallel and Perpendicular Lines	23. Glossary and Credits
	12. Equations of Lines	

Unit 10: Transformations	
Assignments	
Geometry	1. Introduction: Rigid Motion, or Isometry
	2. Isometry: Reflection
	3. Isometry: Translation
	4. Isometry: Rotation
	5. Quiz 1: Isometry
	6. Transformation Sequences
	7. Similarity Transformation: Dilation
	8. Product Transformation
	9. Inverse and Identity Transformation
	10. Quiz 2: Transformations
	11. Performance Task
	12. Alternate Performance Task*
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Glossary and Credits

Unit 11: Geometric Application	
Assignments	
Geometry	1. Using SOH CAH TOA in Trigonometry
	2. Finding the Values of Trigonometric Functions
	3. Law of Sines
	4. Quiz 1: Sines
	5. Ambiguity and Area of a Triangle
	6. Law of Cosines: Finding a Side
	7. Law of Cosines: Finding an Angle
	8. Quiz 2: Cosines
	9. Modeling with Geometric Figures
	10. Density
	11. Geometry in Design
	12. Quiz 3: Modeling Geometry
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Glossary and Credits

Unit 12: Probability	
Assignments	
Geometry	1. Definitions, Sample Spaces, and Probability
	2. Addition of Probabilities
	3. Multiplication of Probabilities
	4. Quiz 1: Using Probability
	5. Definitions
	6. Permutations of N Things: Different
	7. Permutations of N things: Not All Different
	8. Combinations
	9. Quiz 2: Probability
	10. Conditional Probability
	11. Conditional Probability in Real-World Situations
	12. Two-Way Frequency Tables
	13. Using Probability in Decision Making
	14. Quiz 3: Conditional Probability
	15. Special Project*
	16. Test
	17. Alternate Test*
	18. Glossary and Credits

Geometry	Unit 13: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

Geometry	Unit 14: Final Exam	
	Assignments	
	1. Final Exam	4. Performance Task 1
	2. Alternate Exam - Form A*	5. Performance Task 2
	3. Alternate Exam - Form B*	

Geometry	Unit 15: End of Course Exam	
	Assignments	
	1. Exam	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

Algebra II Fundamentals

Algebra II Fundamentals is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

By the end of the course, students will be expected to do the following:

- Understand set notation and the structure of mathematical systems.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Calculate permutations, combinations, and complex probabilities.

Unit 1: Set, Structure, and Function		
Assignments		
Algebra II Fundamentals	1. Course Overview	13. Algebraic Expressions: Exponents Part 2
	2. Properties of Sets	14. Algebraic Expressions: Multiplication and Division Part 1
	3. Operations of Sets	15. Algebraic Expressions: Multiplication and Division Part 2
	4. Quiz 1: Set Theory	16. Exponents of Exponential Expressions
	5. Structure: Axioms	17. Algebraic Expressions: Combining Terms
	6. Structure: Applications	18. Quiz 3: Algebraic Expressions
	7. Relations and Functions: Definitions	19. Special Project*
	8. Relations and Functions: Graphs	20. Test
	9. Relations and Functions: Function Notation	21. Alternate Test*
	10. Relations and Functions: Inverses	22. Glossary and Credits
	11. Quiz 2: Relations and Functions	
	12. Algebraic Expressions: Exponents Part 1	

Unit 2: Numbers, Sentences, and Problems		
Assignments		
Algebra II Fundamentals	1. Number Order and Absolute Value	11. Compound Sentences
	2. Sums and Products	12. Quiz 2: Equalities and Inequalities
	3. Quiz 1: Numbers	13. Number Problems
	4. Solving Equations	14. Motion Problems
	5. Multiplication Property	15. Miscellaneous Problems
	6. Multi-step Equations	16. Quiz 3: Problems
	7. Equations with Parentheses	17. Special Project*
	8. Literal Expressions	18. Test
	9. Solving Inequalities	19. Alternate Test*
	10. Graphing Solution Sets for Inequalities	20. Glossary and Credits

Unit 3: Linear Equations and Inequalities				
Assignments				
Algebra II Fundamentals	1.	Line Graphs	12.	Solutions by Addition
	2.	Line Graphs by Two Points	13.	Solutions by Substitution
	3.	Slope of Lines Part 1	14.	Application of Systems of Equations
	4.	Slope of Lines Part 2	15.	Quiz 2: Solutions for Systems
	5.	Equations: Point Slope Part 1	16.	Solving Inequalities
	6.	Equations: Point Slope Part 2	17.	Solving Two-order Inequalities
	7.	Equations: Point Slope Part 3	18.	Quiz 3: Solving Inequalities
	8.	Equations: Slope-Intercept	19.	Special Project*
	9.	General Equation of a Line	20.	Test
	10.	Quiz 1: Lines	21.	Alternate Test*
	11.	Solutions for Systems of Equations	22.	Glossary and Credits

Unit 4: Polynomials				
Assignments				
Algebra II Fundamentals	1.	Products and Factoring	12.	Quiz 2: Polynomials
	2.	Multiplying Polynomials by Polynomials	13.	Direct Variation
	3.	Using Special Products Part 1	14.	Inverse Variation
	4.	Using Special Products Part 2	15.	Joint and Combined Variation
	5.	Factoring Trinomials	16.	Quiz 3: Working Variations
	6.	Factoring Special Products Part 1	17.	Project: Creating an Algorithm
	7.	Factoring Special Products Part 2	18.	Special Project*
	8.	Quiz 1: Special Products	19.	Test
	9.	Addition and Subtraction Operations	20.	Alternate Test*
	10.	Division with Polynomials	21.	Glossary and Credits
	11.	Synthetic Division		

Unit 5: Algebraic Fractions				
Assignments				
Algebra II Fundamentals	1.	Multiplying and Dividing with Fractions	12.	Proportions
	2.	Reducing Rational Expressions	13.	Quiz 3: Fractional Equations
	3.	Multiplying Algebraic Fractions	14.	Applications of Fractions
	4.	Dividing Algebraic Fractions	15.	Mixture Problems
	5.	Quiz 1: Algebraic Fractions	16.	Work Problems
	6.	Adding and Subtracting Algebraic Fractions	17.	Quiz 4: Problems with Fractions
	7.	Addition and Subtraction	18.	Special Project*
	8.	Mixed Expressions and Complex Fractions	19.	Test
	9.	Quiz 2: Addition and Subtraction of Fractions	20.	Alternate Test*
	10.	Equations with Fractions	21.	Glossary and Credits
	11.	Fractional Equations		

Unit 6: Semester Review and Exam				
Assignments				
A II F	1.	Review	3.	Alternate Exam - Form A*
	2.	Exam	4.	Alternate Exam - Form B*

Unit 7: Real Numbers		
Assignments		
Algebra II Fundamentals	1. Real Numbers	11. Word Problems Involving Quadratic Equations
	2. Law of Radicals	12. Sum and Product of Roots
	3. Conjugates	13. The Discriminant
	4. Radical Equations	14. Imaginary Numbers
	5. Quiz 1: Real Numbers	15. Quiz 3: Quadratic Formula
	6. Quadratic Equations	16. Special Project*
	7. Factoring Quadratic Equations	17. Test
	8. Completing the Square	18. Alternate Test*
	9. Quiz 2: Quadratic Solutions	19. Glossary and Credits
	10. Quadratic Formula	

Unit 8: Quadratic Relations and Systems		
Assignment Titles		
Algebra II Fundamentals	1. Distance Formula	12. Systems of Equations
	2. Circle	13. Solutions of Inequalities
	3. Ellipse	14. Applications of Conic Sections: Part 1
	4. Ellipse Continued	15. Applications of Conic Sections: Part 2
	5. Quiz 1: Conics and the Coordinate Plane	16. Applications of Conic Sections: Part 3
	6. Conic Sections: Parabola	17. Constant of Proportionality
	7. Conic Sections: Parabola Continued	18. Quiz 3: Applications of Conics
	8. Conic Sections: Hyperbola	19. Special Project*
	9. Conic Sections: Hyperbola Continued	20. Test
	10. Identifying Conic Sections	21. Alternate Test*
	11. Quiz 2: Conics	22. Glossary and Credits

Unit 9: Exponential Functions		
Assignment Titles		
Algebra II Fundamentals	1. Exponential Functions	13. Graphs of Logarithmic Functions
	2. Fractional Exponents	14. Solving Logarithmic Equations
	3. Exponential Equations	15. Logarithmic Applications
	4. Graphing Exponential Functions	16. Quiz 2: Logarithmic Functions
	5. Exponential Applications	17. Matrices
	6. Quiz 1: Exponential Functions	18. System Solutions with Matrices
	7. Logarithmic Functions	19. Addition and Multiplication of Matrices
	8. Evaluation of Logarithms	20. Quiz 3: Matrices
	9. Evaluating Exponential Functions, Common Logarithms, and Natural Logarithms	21. Special Project*
	10. General Properties of Logarithms	22. Test
	11. Scientific Notation	23. Alternate Test*
	12. Calculation of Common Logarithms	24. Glossary and Credits

Unit 10: Counting Principles	
Assignment Titles	
Algebra II Fundamentals	1. Progressions: Sequences
	2. Progressions: Series
	3. Quiz 1: Sequences and Series
	4. Permutations: Factorials
	5. Permutation Formula
	6. Permutations: Applications
	7. Quiz 2: Permutations
	8. Combination Formula
	9. Combinations: Applications
	10. Combinations: Binomial Coefficients
	11. Quiz 3: Combinations
	12. Probability: Concepts
	13. Probability: Equally Likely Outcomes
	14. Probability: Multiplication Principle
	15. Conditional Probability
	16. Quiz 4: Probability
	17. Special Project*
	18. Test
	19. Alternate Test*
	20. Glossary and Credits

Unit 11: Review	
Assignment Titles	
Algebra II Fundamentals	1. Integers
	2. Integers Continued
	3. Open Sentences
	4. Open Sentences Continued
	5. Graphs
	6. Graphs Continued
	7. Quiz 1: Review
	8. Polynomials
	9. Polynomials Continued
	10. Algebraic Fractions Part 1
	11. Algebraic Fractions Part 2
	12. Algebraic Fractions Part 3
	13. Real Numbers
	14. Real Numbers Continued
	15. Quiz 2: Review
	16. Quadratic Relations and Systems
	17. Quadratics Continued
	18. Exponential Functions
	19. Exponential Functions Continued
	20. Counting Principles
	21. Counting Principles Continued
	22. Quiz 3: Review
	23. Special Project*
	24. Test
	25. Alternate Test*
	26. Glossary and Credits

Unit 12: Semester Review and Exam	
Assignments	
A II F	1. Review
	2. Exam
	3. Alternate Exam - Form A*
	4. Alternate Exam - Form B*

Unit 13: Final Exam	
Assignments	
A II F	1. Exam
	2. Alternate Exam - Form A*
	3. Alternate Exam - Form B*

Algebra II

Algebra II – is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

Objectives

- Understand set notation and the structure of mathematical systems.
- Calculate and perform operations with real and imaginary numbers.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Explore trigonometric identities and functions using the Unit Circle, graphs and modeling.
- Calculate permutations, combinations, and complex probabilities.
- Interpret sample surveys, normal distributions and observational studies.

Unit 1: Set, Structure, and Function		
Assignments		
Algebra II	1. Course Overview	15. Algebraic Expressions: Exponents Part 1
	2. Properties of Sets	16. Algebraic Expressions: Exponents Part 2
	3. Operations of Sets	17. Algebraic Expressions: Multiplication and Division Part 1
	4. Quiz 1: Set Theory	18. Algebraic Expressions: Multiplication and Division Part 2
	5. Structure: Axioms	19. Exponents of Exponential Expressions
	6. Structure: Applications	20. Algebraic Expressions: Combining Terms
	7. Relations and Functions: Definitions	21. Quiz 3: Algebraic Expressions
	8. Relations and Functions: Graphs	22. Special Project*
	9. Relations and Functions: Domain and Range	23. Test
	10. Relations and Functions: Function Transformations	24. Alternate Test*
	11. Relations and Functions: Function Notation	25. Glossary and Credits
	12. Relations and Functions: Operations	
	13. Relations and Functions: Inverses	
	14. Quiz 2: Relations and Functions	

Unit 2: Numbers, Sentences, and Problems		
Assignments		
Algebra II	1. Number Order and Absolute Value	12. Quiz 2: Equalities and Inequalities
	2. Sums and Products	13. Number Problems
	3. Quiz 1: Numbers, Sentences, and Problems	14. Motion Problems
	4. Solving Equations	15. Miscellaneous Problems
	5. Multiplication Property	16. Quiz 3: Problems
	6. Multi-step Equations	17. Performance Task
	7. Equations with Parentheses	18. Alternate Performance Task*
	8. Literal Expressions	19. Special Project*
	9. Solving Inequalities	20. Test
	10. Graphing Solution Sets for Inequalities	21. Alternate Test*
	11. Compound Sentences	22. Glossary and Credits

Unit 3: Linear Equations and Inequalities		
Assignments		
Algebra II	1. Line Graphs	13. Solutions by Substitution
	2. Line Graphs by Two Points	14. Application of Systems of Equations
	3. Slope of Lines Part 1	15. Quiz 2: Solutions for Systems
	4. Slope of Lines Part 2	16. Solving Inequalities
	5. Equations: Point Slope Part 1	17. Solving Two-order Inequalities
	6. Equations: Point Slope Part 2	18. Quiz 3: Solving Inequalities
	7. Equations: Point Slope Part 3	19. Performance Task
	8. Equations: Slope-Intercept	20. Alternate Performance Task*
	9. General Equation of a Line	21. Special Project*
	10. Quiz 1: Lines	22. Test
	11. Solutions for Systems of Equations	23. Alternate Test*
	12. Solutions by Addition	24. Glossary and Credits

Unit 4: Polynomials		
Assignments		
Algebra II	1. Products and Factoring	14. Quiz 2: Polynomials
	2. Multiplying Polynomials by Polynomials	15. Numerical Relationships from Identities
	3. Using Special Products Part 1	16. Direct Variation
	4. Using Special Products Part 2	17. Inverse Variation
	5. Factoring Trinomials	18. Joint and Combined Variation
	6. Factoring Special Products Part 1	19. Quiz 3: Working with Variations
	7. Factoring Special Products Part 2	20. Project: Creating an Algorithm
	8. Quiz 1: Special Products	21. Performance Task
	9. Addition and Subtraction Operations	22. Alternate Performance Task*
	10. Division with Polynomials	23. Special Project*
	11. Synthetic Division	24. Test
	12. The Remainder Theorem	25. Alternate Test*
	13. Graphing Polynomials	26. Glossary and Credits

Unit 5: Algebraic Fractions		
Assignments		
Algebra II	1. Multiplying and Dividing with Fractions	14. Graphs of Rational Functions
	2. Reducing Rational Expressions	15. Graphs of Rational Functions (2)
	3. Multiplying Algebraic Fractions	16. Applications of Fractions
	4. Dividing Algebraic Fractions	17. Mixture Problems
	5. Quiz 1: Algebraic Fractions	18. Work Problems
	6. Adding and Subtracting Rational Expressions	19. Quiz 4: Problems with Fractions
	7. Addition and Subtraction	20. Performance Task
	8. Mixed Expressions and Complex Fractions	21. Alternate Performance Task*
	9. Quiz 2: Addition and Subtraction of Fractions	22. Special Project*
	10. Equations with Fractions	23. Test
	11. Fractional Equations	24. Alternate Test*
	12. Proportions	25. Glossary and Credits
	13. Quiz 3: Fractional Equations	

Unit 6: Semester Review and Exam		
Assignments		
Algebra II	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Unit 7: Real Numbers		
Assignments		
Algebra II	1. Real Numbers	14. Sum and Product of Roots
	2. Law of Radicals	15. The Discriminant
	3. Conjugates	16. The Fundamental Theorem of Algebra
	4. Radical Equations	17. Imaginary Numbers
	5. Quiz 1: Real Numbers	18. Complex Solutions
	6. Standard Form of a Quadratic Function	19. Quiz 3: Quadratic Formula
	7. Quadratic Equations	20. Performance Task
	8. Factoring Quadratic Equations	21. Alternate Performance Task*
	9. Completing the Square	22. Special Project*
	10. Quiz 2: Quadratic Solutions	23. Test
	11. Quadratic Formula	24. Alternate Test*
	12. Graphs of Quadratic Functions	25. Glossary and Credits
	13. Word Problems Involving Quadratic Equations	

Unit 8: Quadratic Relations and Systems		
Assignments		
Algebra II	1. Distance Formula	14. Solutions of Inequalities
	2. Circle	15. Applications of Conic Sections–Part 1
	3. Ellipse	16. Applications of Conic Sections–Part 2
	4. Ellipse Continued	17. Applications of Conic Sections–Part 3
	5. Quiz 1: Conics and the Coordinate Plane	18. Constant of Proportionality
	6. Conic Sections: Parabola	19. Quiz 3: Applications of Conics
	7. Conic Sections: Parabola Continued	20. Performance Task
	8. Conic Sections: Hyperbola	21. Alternate Performance Task *
	9. Conic Sections: Hyperbola Continued	22. Special Project*
	10. Identifying Conic Sections	23. Test
	11. Quiz 2: Conics	24. Alternate Test*
	12. Systems of Equations	25. Glossary and Credits

Unit 9: Functions		
Assignments		
Algebra II	1. Absolute Value Functions	17. Graphs of Logarithmic Functions
	2. Exponential Functions	18. Solving Logarithmic Equations
	3. Fractional Exponents	19. Graphs of Natural Logarithms
	4. Radical Functions	20. Logarithmic Applications
	5. Graphs of Piece-Wise Defined Functions	21. Quiz 2: Logarithmic Functions
	6. Exponential Equations	22. Comparing Functions
	7. Graphing Exponential Functions	23. Inverse Functions
	8. Exponential Applications	24. Matrices
	9. Solving Equations by Graphing Functions	25. System Solutions with Matrices
	10. Quiz 1: Exponential Functions	26. Addition and Multiplication of Matrices
	11. Logarithmic Functions	27. Quiz 3: Matrices
	12. Evaluation of Logarithms	28. Performance Task
	13. Evaluating Exponential Functions, Common and Natural Logarithms	29. Alternate Performance Task*
	14. General Properties of Logarithms	30. Special Project*
	15. Scientific Notation	31. Test
	16. Calculation of Common Logarithms	32. Alternate Test*
	33. Glossary and Credits	

Unit 10: Counting Principles		
Assignments		
Algebra II	1. Progressions: Sequences	13. Probability: Concepts
	2. Arithmetic and Geometric Sequences	14. Probability: Equally Likely Outcomes
	3. Progressions: Series	15. Probability: Multiplication Principle
	4. Quiz 1: Sequences and Series	16. Conditional Probability
	5. Permutations: Factorials	17. Quiz 4: Probability
	6. Permutation Formula	18. Performance Task
	7. Permutations: Applications	19. Alternate Performance Task*
	8. Quiz 2: Permutations	20. Special Project*
	9. Combination Formula	21. Test
	10. Combinations: Applications	22. Alternate Test*
	11. Combinations: Binomial Coefficients	23. Glossary and Credits
	12. Quiz 3: Combinations	

Unit 11: Trigonometry		
Assignments		
Algebra II	1. Trigonometry Basics	11. Quiz 3: Graphs
	2. The Unit Circle	12. Project: Regression Curve
	3. Reciprocal Functions	13. Performance Task
	4. Radian Measure	14. Alternate Performance Task*
	5. Quiz 1: Unit Circle	15. Special Project*

	6. Trigonometric Functions on the Unit Circle	16. Review
	7. Pythagorean Identity	17. Test
	8. Quiz 2: Trigonometric Functions	18. Alternate Test*
	9. Graphs and Amplitude	19. Glossary and Credits
	10. Graphs and Modeling	

Unit 12: Statistics		
Assignments		
Algebra II	1. Sample Surveys	11. Appropriate Models
	2. Normal Distributions	12. Modeling Functions
	3. Simulations	13. Regression Models
	4. Experiments	14. Quiz 3: Math Models
	5. Quiz 1: Statistics	15. Special Project*
	6. Observational Studies	16. Review
	7. Probability and Decisions	17. Test
	8. Quiz 2: Statistical Probability	18. Alternate Test*
	9. Performance Task	19. Glossary and Credits
	10. Alternate Performance Task*	

Unit 13: Review		
Assignments		
Algebra II	1. Integers	14. Real Numbers Continued
	2. Integers Continued	15. Quiz 2: Review
	3. Open Sentences	16. Quadratic Relations and Systems
	4. Open Sentences Continued	17. Quadratics Continued
	5. Graphs	18. Exponential Functions
	6. Graphs Continued	19. Exponential Functions Continued
	7. Quiz 1: Review	20. Counting Principles
	8. Polynomials	21. Counting Principles Continued
	9. Polynomials Continued	22. Quiz 3: Review
	10. Algebraic Fractions Part 1	23. Special Project*
	11. Algebraic Fractions Part 2	24. Test
	12. Algebraic Fractions Part 3	25. Alternate Test*
	13. Real Numbers	26. Glossary and Credits

Algebra II	Unit 14: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Algebra II	Unit 15: Final Exam	
	Assignments	
	1. Exam	4. Performance Task 1*
	2. Alternate Exam – Form A*	5. Performance Task 2*
	3. Alternate Exam – Form B*	

Algebra II	Unit 16: End of Course Exam	
	Assignments	
	1. Exam	3. Alternate Exam – Form B*
	2. Alternate Exam – Form A*	

Pre-calculus

Pre-calculus is a full-year, high school credit course that is intended for the student who has successfully mastered the core algebraic and conceptual geometric concepts covered in the prerequisite courses: Algebra I, Geometry, and Algebra II. The course primarily focuses on the skills and methods of analytic geometry and trigonometry while investigating further relationships in functions, probability, number theory, limits, and the introduction of derivatives.

- **Relations and Functions:** Student will examine functions, inverses of functions and combine functions to verify inverses, as well as distinguish between linear and quadratic functions.
- **Functions:** Student will solve polynomials using the quadratic theorem, remainder theorem and factor theorem, identify graphs of different polynomial equations and inequalities, and understand complex numbers.
- **Trigonometric Functions:** Student will identify and solve for missing components of trigonometric functions, calculating trigonometric values for different angles and relate degrees to radians, and radians to degrees.
- **Circular Functions and their Graphs:** Student will use parametric equations with trigonometric operations to model and solve problems, and calculate amplitude, period, and phase shift for graphed trigonometric functions.
- **Identities and Functions of Multiple Angles:** Student will simplify trigonometric expressions utilizing trigonometric identities, and double and half-angle formulas, and combine the identities and angle formulas learned in this unit to prove trigonometric relationships.
- **Application of Trigonometric Functions:** Student will solve problems using trigonometric functions, and combine trigonometric functions and vectors to solve incline plane problems and navigation problems.
- **Inverse Trigonometric Functions and Polar Coordinates:** Student will solve for unknowns using inverse trigonometric functions, recognize their graphs, and convert equations from Cartesian to polar coordinates, and from polar to Cartesian coordinates.
- **Quadratic Equations:** Student will identify properties and equations of circles, ellipses, parabolas and hyperbolas, and calculate point rotations and apply them to equations.
- **Counting Principles:** Student will distinguish between mutually exclusive, independent and dependent events, and between combination and permutation, and use the explicit formula and the recursive formula to find the n th term as well as the general term of an arithmetic sequence, or geometric sequence.
- **Calculus:** Student will solve functions involving numbers and conditions, understand limit notation, and evaluate limits using the limit theorems, and find the slope of curves, and calculate the angle between two curves.

Unit 1: Relations and Functions		
Assignments		
Pre-calculus	1. Course Overview	8. Algebra of Functions: Composition
	2. Ordered-Pair Numbers: Relations	9. Algebra of Functions: Inverse
	3. Ordered-Pair Numbers: Functions	10. Quiz 2: Relations and Functions
	4. Ordered-Pair Numbers: Rules of Correspondence	11. Special Project*
	5. Quiz 1: Relations and Functions	12. Test
	6. Algebra of Functions: Notation	13. Alternate Test*
	7. Algebra of Functions: Arithmetic	14. Glossary and Credits

Unit 2: Functions		
Assignments		
Pre-calculus	1. Linear Functions: Graphs	14. Conjugates and Polynomial Identities
	2. Linear Functions: Equations	15. Distance and Midpoint
	3. Quiz 1: Linear Functions	16. Quiz 4: Complex Numbers
	4. 2nd-Degree Functions: Solutions	17. Rational Inequalities
	5. Relationships Between Zeros and Coefficients	18. Greatest Integer Function
	6. Quadratic Inequalities	19. Exponential Function
	7. Quiz 2: Second-Degree Functions	20. Logarithmic Function
	8. Polynomial Functions	21. Function Combinations
	9. Nth-Degree Equations	22. Quiz 5: Special Functions
	10. Solving Polynomial Equations	23. Special Project*
	11. Quiz 3: Polynomial Functions	24. Test
	12. Complex Numbers	25. Alternate Test*
	13. Operations with Complex Numbers	26. Glossary and Credits

Unit 3: Trigonometric Functions		
Assignments		
Pre-calculus	1. Definition of the Trigonometric Functions	10. Quiz 5: Quadrantal Angles
	2. Quiz 1: Trigonometric Functions	11. Special Angles
	3. Evaluation of Functions	12. Quiz 6: Special Angles
	4. Quiz 2: Evaluation of Functions	13. Radian Measure
	5. Angle Location	14. Quiz 7: Radian Measure
	6. Quiz 3: Angle Location	15. Special Project*
	7. Reduction Formulas	16. Test
	8. Quiz 4: Reduction Formulas	17. Alternate Test*
	9. Quadrantal Angles	18. Glossary and Credits

Unit 4: Circular Functions and Their Graphs		
Assignments		
Pre-calculus	1. Circular Functions	12. Amplitude of Circular Functions
	2. Quiz 1: Circular Functions	13. Quiz 6: Amplitude of Circular Functions
	3. Circular Functions of Special Angles	14. Period of Circular Functions
	4. Quiz 2: Circular Functions of Special Angles	15. Quiz 7: Period of Circular Functions
	5. Graphs of Sin and Cos	16. Phase Shift of Circular Functions
	6. Quiz 3: Graphs of Sin and Cos	17. Quiz 8: Phase Shift of Circular Functions
	7. Other Graphs	18. Special Project*
	8. Quiz 4: Other Graphs	19. Test
	9. Applications	20. Alternate Test*
	10. Parametric Equations	21. Glossary and Credits
	11. Quiz 5: Applications	

Unit 5: Identities and Functions of Multiple Angles		
Assignments		
Pre-calculus	1. Reciprocal Relations	12. Quiz 6: Additional Sum and Difference Formulas
	2. Quiz 1: Reciprocal Relations	13. Double- and Half-Angle Formulas
	3. Pythagorean Relations	14. Quiz 7: Double- and Half-Angle Formulas
	4. Quiz 2: Pythagorean Relations	15. Identities
	5. Quotient Relations	16. Quiz 8: Identities
	6. Quiz 3: Quotient Relations	17. Trigonometric Equations
	7. Trigonometric Identities	18. Quiz 9: Trigonometric Equations
	8. Quiz 4: Trigonometric Identities	19. Special Project*
	9. Cosine of the Sum of Two Angles	20. Test
	10. Quiz 5: Cosine of the Sum of Two Angles	21. Alternate Test*
	11. Additional Sum and Difference Formulas	22. Glossary and Credits

Unit 6: Semester Review and Exam		
Assignments		
Pre-calculus	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*

Unit 7: Application of Trigonometric Functions		
Assignments		
Pre-calculus	1. Trigonometric Functions of Any Angle	12. Applications of Vectors
	2. Quiz 1: Trigonometric Functions of Any Angle	13. More Applications
	3. More Trigonometric Functions of Any Angle	14. Quiz 5: More Applications
	4. Quiz 2: Trigonometric Functions	15. Inclined Plane Application
	5. Applied Problems	16. Navigation Application
	6. Law of Cosines	17. Quiz 6: Additional Application Problems
	7. Quiz 3: Law of Cosines	18. Special Project*
	8. Law of Sines	19. Test
	9. Quiz 4: Law of Sines	20. Alternate Test*
	10. Vectors	21. Glossary and Credits
	11. Operations with Vectors	

Unit 8: Inverse Trigonometric Functions and Polar Coordinates		
Assignments		
Pre-calculus	1. The Inverse Sine Function	15. Converting Cartesian Equations to Polar Equations
	2. Quiz 1: The Inverse Sine Function	16. Quiz 8: Converting Cartesian Equations to Polar Equations
	3. The Inverse Cosine Function	17. Converting Polar Equations to Cartesian Equations
	4. Quiz 2: The Inverse Cosine Function	18. Quiz 9: Converting Polar Equations to Cartesian Equations
	5. The Inverse Tangent Function	19. Graphing Polar Equations
	6. Quiz 3: The Inverse Tangent Function	20. Quiz 10: Graphing Polar Equations
	7. Other Inverse Functions	21. Project: De Moivre's Theorem
	8. Quiz 4: Other Inverse Functions	22. Special Project*
	9. Graphs of Inverse Functions	23. Test
	10. Quiz 5: Graphs of Inverse Functions	24. Alternate Test*
	11. Graphing Polar Coordinates	25. Glossary and Credits
	12. Quiz 6: Graphing Polar Coordinates	
	13. Converting Coordinates	
	14. Quiz 7: Converting Coordinates	

Unit 9: Quadratic Equations		
Assignments		
Pre-calculus	1. The Circle	13. The Parabola Applied
	2. The Circle Continued	14. The Hyperbola
	3. Equation from Three Points	15. Quiz 2: Quadratic Equations
	4. Equation from Three Points Applied	16. Translation
	5. The Ellipse	17. Translation of Equations
	6. The Ellipse: Standard Form	18. Rotation
	7. The Ellipse: General Form	19. Rotation of Equations
	8. The Ellipse Applied	20. Quiz 3: Quadratic Equations
	9. Quiz 1: Quadratic Equations	21. Special Project*
	10. The Parabola	22. Test
	11. The Parabola Continued	23. Alternate Test*
	12. The Parabola: Standard Form	24. Glossary and Credits

Unit 10: Counting Principles		
Assignments		
Pre-calculus	1. Definitions, Sample Spaces, and Probability	11. Quiz 2: Probability
	2. Addition of Probabilities	12. Arithmetic and Geometric Sequences
	3. Multiplication of Probabilities	13. Summation
	4. Quiz 1: Probability	14. Arithmetic and Geometric Series
	5. Definitions	15. Quiz 3: Sequences and Series
	6. Permutation of N Things: Different	16. Proofs by Mathematical Induction
	7. Permutation of N Things: Not All Different	17. Special Project
	8. Circular Permutations	18. Test
	9. Combinations	19. Alternate Test
	10. Binomial Theorem	20. Glossary and Credits

Unit 11: Calculus and Review		
Assignments		
Pre-calculus	1. Functional Notation	11. Review: Identities, Multiple Angle Functions
	2. Difference Quotient	12. Review: Inverse Trig Functions; Polar Coordinates; Quadratics
	3. Limits	13. Review: Probability and Calculus
	4. Quiz 1: Limits	14. Quiz 3: Reviews
	5. Slope of a Curve	15. Special Project
	6. Slope of a Line	16. Test
	7. Angle Between Curves	17. Alternate Test
	8. Quiz 2: Slopes and Curves	18. Glossary and Credits
	9. Review: Relations and Functions	
	10. Review: Trigonometric and Circular Functions	

Unit 12: Semester Review and Exam		
Assignments		
Pre-calculus	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*

Unit 13: Final Exam		
Assignments		
Pre-calculus	1. Exam	3. Alternate Exam—Form B*
	2. Alternate Exam—Form A*	

Science

Science 300

Science 300 is a basic elementary course intended to expose students to the designs and patterns in God’s physical universe. This course provides a broad survey of the major areas of science. Some of the areas covered in Science 300 include the human body, plants, animals, health and nutrition, matter, sound waves, earth science, and heat energy.

The course seeks to develop the student’s ability to understand and participate in scientific inquiry. The units contain experiments and projects designed to build on children’s natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop a subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Demonstrate a basic understanding of the systems in a human body.
- Discuss the process a plant goes through in order to grow.
- Explain the difference between types of animals.
- Determine which eating and care habits are the most healthy for students.
- Distinguish between the three phases of matter and describe their properties.
- Explain how sound travels.
- Describe why time and seasons change.
- Discuss how rocks are formed and how they change.
- Explain how heat is produced.

Unit 1: You Grow and Change		
Assignments		
Science 300	1. Course Overview	11. Experiment: Taking Your Pulse
	2. Your Body Breathes Air	12. Project: Bone Numbers*
	3. The Body Needs Oxygen	13. Quiz 3
	4. Experiment: Breathing Patterns	14. Your Body is Different from an Animal
	5. Experiment: Your Lungs*	15. Quiz 4
	6. Quiz 1	16. Special Project*
	7. Your Body Digests Food	17. Review Game
	8. Experiment: Taste Test	18. Test
	9. Quiz 2	19. Alternate Test*
	10. Your Body Exercises and Rests	20. Reference

Unit 2: Plants		
Assignments		
Science 300	1. Plant Parts	10. Experiment: Plant a Piece of Potato*
	2. Experiment: Root Hairs	11. Experiment: Bean Plant*
	3. Experiment: Study a Stem*	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. Plant Growth	14. Review Game
	6. Experiment: Grow Some Plants	15. Test
	7. Quiz 2	16. Alternate Test*
	8. Plant Changes	17. Reference
	9. Experiment: Watch Bean Seeds Grow	

Unit 3: Animals: Growth and Change		
Assignments		
Science 300	1. Animals and The Environment	11. Quiz 2
	2. Experiment: Hourly Temperature Changes	12. How Animals Grow and Change
	3. Experiment: Heat Energy Comparison*	13. Project: Sow Bug Environment
	4. Project: Desert Locations*	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. How Animals are Different	16. Review Game
	7. Animal Structures	17. Test
	8. Project: Vertebrate Chart	18. Alternate Test*
	9. Eating and Breathing	19. Reference
	10. Project: Sort Birds By Type*	

Unit 4: You Are What You Eat		
Assignments		
Science 300	1. How to Build a Healthy Body	10. How to Form Good Health Habits
	2. How to Build a Healthy Body-2	11. Caring for the Eyes and Body
	3. Quiz 1	12. Quiz 3
	4. How to Plan for Healthy Eating	13. Special Project*
	5. Project: Breakfast Chart	14. Review Game
	6. Project: Lunch Chart*	15. Test
	7. Project: Dinner Chart*	16. Alternate Test*
	8. Project: Chart Totals*	17. Reference
	9. Quiz 2	

Unit 5: Properties of Matter		
Assignments		
Science 300	1. Chemistry and Robert Boyle	11. Experiment: Mass Measurement
	2. Experiment: Be a Chemist	12. Experiment: Melting Ice Cubes*
	3. Properties of Matter	13. Chemical Changes
	4. Experiment: Volume	14. Quiz 2
	5. Experiment: Think about Mass*	15. Special Project*
	6. Experiment: Is Air Matter?*	16. Review Game
	7. Project: Matter List*	17. Test
	8. Experiment: Is Water Matter?*	18. Alternate Test*
	9. Quiz 1	19. Reference
	10. Physical Changes	

Unit 6: Sounds and You		
Assignments		
Science 300	1. What is Sound?	11. How Do You Hear Sounds?
	2. Experiment: Vibrations	12. Experiment: Think About Hearing
	3. Quiz 1	13. Report: How Animals Hear*
	4. How Does Sound Travel?	14. Quiz 3

Science 300	5. How Are Different Sounds Made?	15. Special Project*
	6. Experiment: Sound Patterns	16. Review Game
	7. Report: Read and Write About Sound	17. Test
	8. Experiment: High and Low Sounds	18. Alternate Test*
	9. Experiment: Loud or Soft?*	19. Reference
	10. Quiz 2	

Unit 7: Time and Seasons		
Assignments		
Science 300	1. How the Earth Moves	9. Quiz 2
	2. Experiment: The Earth	10. Why Seasons Change
	3. Experiment: Night	11. Quiz 3
	4. Experiment: The Earth's Rotation*	12. Special Project*
	5. Quiz 1	13. Review Game
	6. Why Time Changes	14. Test
	7. Experiment: Different Times	15. Alternate Test*
	8. Report: Months*	16. Reference

Unit 8: Rocks and Their Change		
Assignments		
Science 300	1. How Rocks are Formed: By Heat	10. Report: Mount Rushmore
	2. Rocks Formed by Volcanoes	11. Rocks are Used for Enjoyment
	3. How Rocks are Formed: By Pressure	12. Quiz 3
	4. Experiment: Bubbling Grains of Rock	13. Special Project*
	5. Quiz 1	14. Review Game
	6. Rocks are Changed by Wind and Water	15. Test
	7. Rocks are Changed by Heat and Plants	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Rocks are Used for Building	

Unit 9: Heat Energy		
Assignments		
Science 300	1. Heat Energy (Part 1)	10. Experiment: Changing Liquid to Gas
	2. Experiment: Feeling Friction	11. Quiz 2
	3. Experiment: Oxygen and Fire	12. Heat Energy Affects Our Lives
	4. Heat Energy (Part 2)	13. Quiz 3
	5. Experiment: Static Electricity*	14. Special Project*
	6. Quiz 1	15. Review Game
	7. What Heat Energy Is and Does	16. Test
	8. Experiment: Water Molecules	17. Alternate Test*
	9. Movement of Heat Energy	18. Reference

Unit 10: Review		
Assignments		
Science 300	1. Physical Change: Change in Man	10. Experiment: How Sound Travels
	2. Physical Change: Change in Plants	11. Experiment: Temperature Comparisons
	3. Physical Change: Change in Animals	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. The Earth	14. Review Game
	6. Seasons and Times	15. Test
	7. Project: Rock Collection	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Sounds and Energy	

Science 400

Science 400 is a basic elementary course intended to expose students to the designs and patterns in God’s physical universe. This course builds on concepts taught in Science 300, providing a broad survey of the major areas of science. Some of the areas covered in Science 400 include the study of plants and animals, ecology, work and simple machines, electricity and magnetism, properties of water and matter, weather, solar system, and the different spheres of earth.

The course seeks to develop the student’s ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children’s natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe different uses for plants.
- Discuss the differences among the ways that different animals act.
- Understand how people are responsible for preserving and conserving nature.
- Explain the different types of simple machines.
- Describe an electrical current and how it relates to magnetism.
- Demonstrate an understanding of the different properties of water.
- Observe weather and how it affects people.
- Describe our solar system.
- Discuss the three different spheres of the earth and how they interact.
- Explain the changes in seasons and time.

Unit 1: Plants																					
Assignments																					
Science 400	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">1. Course Overview</td> <td style="width: 50%; padding: 2px;">11. How Plant Parts Function</td> </tr> <tr> <td style="padding: 2px;">2. Plant Life</td> <td style="padding: 2px;">12. Experiment: Celery</td> </tr> <tr> <td style="padding: 2px;">3. Plants Used As Food and Shelter</td> <td style="padding: 2px;">13. How Plant Parts Function (Part 2)</td> </tr> <tr> <td style="padding: 2px;">4. Project: Things Made of Wood*</td> <td style="padding: 2px;">14. How Plant Parts Function (Part 3)</td> </tr> <tr> <td style="padding: 2px;">5. Report: Read and Write*</td> <td style="padding: 2px;">15. Quiz 2</td> </tr> <tr> <td style="padding: 2px;">6. Plants Used For Enjoyment and Symbols</td> <td style="padding: 2px;">16. Special Project*</td> </tr> <tr> <td style="padding: 2px;">7. Report: Flowers as State Symbols</td> <td style="padding: 2px;">17. Review Game</td> </tr> <tr> <td style="padding: 2px;">8. Report: Flower Paragraph*</td> <td style="padding: 2px;">18. Test</td> </tr> <tr> <td style="padding: 2px;">9. Quiz 1</td> <td style="padding: 2px;">19. Alternate Test*</td> </tr> <tr> <td style="padding: 2px;">10. Parts of Plants</td> <td style="padding: 2px;">20. Reference</td> </tr> </table>	1. Course Overview	11. How Plant Parts Function	2. Plant Life	12. Experiment: Celery	3. Plants Used As Food and Shelter	13. How Plant Parts Function (Part 2)	4. Project: Things Made of Wood*	14. How Plant Parts Function (Part 3)	5. Report: Read and Write*	15. Quiz 2	6. Plants Used For Enjoyment and Symbols	16. Special Project*	7. Report: Flowers as State Symbols	17. Review Game	8. Report: Flower Paragraph*	18. Test	9. Quiz 1	19. Alternate Test*	10. Parts of Plants	20. Reference
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9. Quiz 1	19. Alternate Test*																				
10. Parts of Plants	20. Reference																				

Unit 2: Animals		
Assignments		
Science 400	1. How Animals are Structured	14. How Animals Act: Insects
	2. Whales	15. Report: Honeybee Habits
	3. Report: Types of Whales	16. Quiz 2
	4. Birds	17. Animal Instinct
	5. Reptiles and Fish	18. Man Protects Animals
	6. Report: Writing about Fish*	19. Project: Animal Scrapbook*
	7. Project: Observing Fish*	20. Quiz 3
	8. How Animals Eat and Digest Food	21. Special Project*
	9. How Animals Breathe	22. Review Game
	10. Quiz 1	23. Test
	11. How Animals Act: Mammals	24. Alternate Test*
	12. How Animals Act: Salmon	25. Reference
	13. How Animals Act: Birds	

Unit 3: Man and His Environment		
Assignments		
Science 400	1. Ecology	17. Report: Forest Community*
	2. Project: Your Environment*	18. Quiz 2
	3. Resources	19. Misuse of the Environment
	4. Food Chains	20. Project: Ask an Expert*
	5. Ecosystem Populations	21. Report: Endangered Species*
	6. Project: Populations*	22. Resource Conservation
	7. Balance of Nature	23. Report: How to Save Energy*
	8. Project: Make a Pyramid*	24. Environmental Preservation
	9. Report: Rabbits in Australia*	25. Report: Special Treasures*
	10. Quiz 1	26. Quiz 3
	11. Water Communities	27. Special Project*
	12. Experiment: Still Water Life*	28. Review Game
	13. Land Communities	29. Test
	14. Project: Human Communities	30. Alternate Test*
	15. Report: Read and Write*	31. Reference
	16. Project: Terrarium or Diorama*	

Unit 4: Machines		
Assignments		
Science 400	1. Machines Are Needed: Work	13. Simple Machines: Wheel and Axle
	2. Report: Galileo*	14. Simple Machines: Pulleys
	3. Experiment: Gravity*	15. Experiment: Pulleys*
	4. Machines Are Needed: Energy	16. Quiz 2
	5. Quiz 1	17. Compound Machines
	6. Simple Machines: Lever	18. Quiz 3
	7. Experiment: Hammer and Nail	19. Special Project*
	8. Experiment: Seesaw*	20. Review Game
	9. Simple Machines: Inclined Plane	21. Test
	10. Experiment: Inclined Plane*	22. Alternate Test*
	11. Simple Machines: Wedge and Screw	23. Reference
	12. Experiment: Screw and Nail*	

Unit 5: Electricity and Magnetism		
Assignments		
Science 400	1. Electricity	13. Experiment: Make a Magnet
	2. Report: Thomas Edison	14. Experiment: Magnet Poles*
	3. Experiment: Static Electricity	15. Experiment: Testing a Magnet*
	4. Currents and Circuits	16. Experiment: Generate Electricity*
	5. Project: Conductors	17. Experiment: Electromagnet*

6.	Experiment: Wet Cell*	18.	Report: Explorers*
7.	Project: Electric Objects*	19.	Quiz 2
8.	Electrical Use and Safety	20.	Special Project*
9.	Project: Fuses in Use	21.	Review Game
10.	Quiz 1	22.	Test
11.	Magnetism	23.	Alternate Test*
12.	Experiment: Use a Magnet	24.	Reference

Unit 6: Water and Matter				
Assignments				
Science 400	1.	Water	11.	Matter
	2.	Experiment: Ice	12.	Molecules and Atoms
	3.	Experiment: Ice Volume*	13.	Experiment: Molecules*
	4.	Water as a Liquid	14.	Elements
	5.	Experiment: Potato*	15.	Quiz 2
	6.	Water as a Gas	16.	Special Project*
	7.	Experiment: Forming Dew*	17.	Review Game
	8.	Water as a Solvent	18.	Test
	9.	Experiment: Solubility	19.	Alternate Test*
	10.	Quiz 1	20.	Reference

Unit 7: Weather				
Assignments				
Science 400	1.	The Atmosphere	11.	Quiz 2
	2.	Experiment: Air and Space*	12.	Prediction of Weather
	3.	Temperature	13.	Project: Thermometers*
	4.	Experiment: Temperature	14.	Quiz 3
	5.	Air Pressure	15.	Special Project*
	6.	Experiment: Pressure	16.	Review Game
	7.	Quiz 1	17.	Test
	8.	Forces of Weather	18.	Alternate Test*
	9.	Sand and Dust Storms	19.	Reference
	10.	Report: Hurricanes*		

Unit 8: Our Solar System and the Universe		
Assignments		
Science 400	1. A Trip Through Space	12. Experiment: Moon Phases
	2. Our Big Universe	13. Quiz 2
	3. Report: Astronomy Instruments	14. The Stars and Space
	4. Essay: Astronomy*	15. Essay: Astrology*
	5. Quiz 1	16. The Milky Way and Other Galaxies
	6. The Sun	17. Quiz 3
	7. Essay: Ancient People*	18. Special Project*
	8. Movements	19. Review Game
	9. Report: Isaac Newton*	20. Test
	10. Heavenly Bodies Around the Sun	21. Alternate Test*
	11. Our Moon	22. Reference

Unit 9: The Planet Earth		
Assignments		
Science 400	1. The Air (Atmosphere)	11. Experiment: Shadows
	2. Experiment: Condensation	12. Earth's Land Formations
	3. Gases in the Atmosphere	13. Earth's Rotation and Revolution
	4. Quiz 1	14. Quiz 3
	5. The Water (Hydrosphere)	15. Special Project*
	6. Essay: Psalm 147*	16. Review Game
	7. Salt Water	17. Test
	8. Experiment: Currents*	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. The Land (Lithosphere)	

Unit 10: Understanding God's Wonderful Creation		
Assignments		
Science 400	1. Review: The Solar System	12. Quiz 3
	2. Review: The Earth	13. Review: Ecology
	3. Quiz 1	14. Review: Conservation
	4. Review: Matter	15. Report: Passenger Pigeon*
	5. Review: Water	16. Quiz 4
	6. Review: Weather	17. Special Project*
	7. Project: Weather Scrapbook*	18. Review Game
	8. Quiz 2	19. Test
	9. Review: Electricity and Magnetism	20. Alternate Test*
	10. Project: Thomas Alva Edison*	21. Reference
	11. Review: Machines	

Science 500

Science 500 is a basic elementary course intended to expose students to the designs and patterns in God’s physical universe. This course expands on the Science 300 and Science 400 courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 500 include the study of cells, plants and animals, ecology, energy, geology, properties of matter, and the natural cycles of life.

The course seeks to develop the student’s ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students’ natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Demonstrate an understanding of cells and their structure, both plant and animal.
- Differentiate between plants, animals, fungi, protozoa, and algae.
- Explain interactions between different life forms.
- Discuss different energy transformations.
- Describe geology and how it relates to the Flood.
- Demonstrate an understanding of fossil types and the formation of fossils.
- Understand natural cycles.

Unit 1: Cells	
Assignments	
Science 500	1. Course Overview
	2. The Basic Unit of Living Things: A Cell
	3. Viewing Cells
	4. Experiment: Skin Cells
	5. Quiz 1
	6. The Life and Activity of Cells
	7. Plants and Unicellular Organisms
	8. Experiment: Onion Cells
	9. Experiment: Pond Water Examination
	10. Experiment: Cheek Cells
	11. Experiment: Blood Cells
	12. Tissue
	13. Quiz 2
	14. Cells: Energy and Growth of Cells
	15. Cell Reproduction
	16. Quiz 3
	17. Special Project*
	18. Review Game
	19. Test
	20. Alternate Test*
	21. Reference

Unit 2: Plants: Life Cycles	
Assignments	
Science 500	1. Classifying Living Things and Plants
	2. Parts of Plants
	3. Quiz 1
	4. Seed Bearing Plants
	5. Flowering Plants
	6. Experiment: Flower Dissection
	7. Fertilization
	8. Experiment: Seed Dissection
	9. Cone-Bearing Plants
	10. Project: Examining Cones
	11. Project: Seed Hunt*
	12. Quiz 2
	13. Spore Bearing Plants and Fungi
14. Fern Plants	
15. Report: Walking Fern*	
16. Fungi	
17. Experiment: Mold	
18. Quiz 3	
19. One-celled Living Things	
20. Quiz 4	
21. Special Project*	
22. Review Game	
23. Test	
24. Alternate Test*	
25. Reference	

Unit 3: Animals: Life Cycles	
Assignments	
Science 500	1. Invertebrates: Life Cycles
	2. One-celled Animal-like Protists
	3. Report: Protozoa*
	4. Egg-Laying Invertebrates
	5. Experiment: Mealworm*
	6. Report: The Spider*
	7. Report: Insect Study*
	8. Worms and Mollusks
	9. Quiz 1
	10. Vertebrates: Life Cycles
	11. Egg-Laying Vertebrates
	12. Egg-Laying Vertebrates (Part 2)
13. Egg-Laying Vertebrates (Part 3)	
14. Experiment: Chicken Egg*	
15. Live-Bearing Vertebrates	
16. Report: Mammals*	
17. Essay: God and Animals*	
18. Quiz 2	
19. Special Project*	
20. Review Game	
21. Test	
22. Alternate Test*	
23. Reference	

Unit 4: Balance in Nature	
Assignments	
Science 500	1. Balance of Nature: Physical Environment
	2. Project: Cycles*
	3. Ecosystems
	4. Project: Terrarium Project
	5. Quiz 1
	6. The Prairie: Web of Life
	7. Project: Prairie Land*
	8. The Prairie: Web of Life (Part 2)
	9. Report: Prairie Birds*
	10. The Prairie: Food Chains
	11. Project: Prairie Food Chain*
12. Project: Special Environments*	
13. Quiz 2	
14. Humans and the Web of Life	
15. Humans and the Web of Life (Part 2)	
16. Quiz 3	
17. Special Project*	
18. Review Game	
19. Test	
20. Alternate Test*	
21. Reference	

Unit 5: Transformation of Energy		
Assignments		
Science 500	1. Energy	11. Energy in the Future
	2. Work	12. Future Sources of Energy
	3. Quiz 1	13. Experiment: Solar Energy for Heat
	4. Work From Energy	14. Quiz 3
	5. Experiment: Heat From the Sun*	15. Special Project*
	6. Forms of Energy	16. Review Game
	7. Experiment: Heat from Bending*	17. Test
	8. Experiment: Heat Energy from a Chemical Reaction*	18. Alternate Test*
	9. Chemical Energy	19. Reference
	10. Quiz 2	

Unit 6: Records in the Rock: the Flood		
Assignments		
Science 500	1. Before the Flood: The Bible Record	9. After the Flood: The Bible Record
	2. Before the Flood: The Physical Record	10. After the Flood: The Physical Record
	3. Quiz 1	11. Quiz 3
	4. The Flood: The Bible Record	12. Special Project*
	5. Project: Interview with Noah*	13. Review Game
	6. The Flood: The Physical Record	14. Test
	7. Report: Ancient Flood Stories*	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 7: Records in the Rock: Fossils		
Assignments		
Science 500	1. Fossil Formation	11. Project: Fossil Clues*
	2. Project: Mold Fossil Copy	12. Reading Fossils: Reconstruction
	3. Project: Cast Fossil Copy*	13. Project: Fill in the Skeleton*
	4. Fossil Formation Part 2	14. Project: Be Creative*
	5. Fossil Locations	15. Quiz 2
	6. Quiz 1	16. Special Project*
	7. Reading Fossils: Identification	17. Review Game
	8. Reading Fossils: Earth's Age	18. Test
	9. Project: Plant and Animal Fossils*	19. Alternate Test*
	10. Reading Fossils: Difficulties	20. Reference

Unit 8: Records In Rock: Geology	
Assignments	
Science 500	1. Features of the Earth
	2. Project: Compare an Orange and the Earth
	3. Layers of the Earth
	4. Rocks on the Earth's Surface
	5. Project: Examine a Mineral*
	6. Kinds of Rocks
	7. Report: Rocks*
	8. Project: Rock Hunt*
	9. Quiz 1
	10. Changes in the Earth: Surface Change
	11. Experiment: Erosion*
11. Causes of Surface Change	
12. Earthquakes and Volcanoes	
13. Project: Volcano Summary*	
14. Results of Forces	
15. Quiz 2	
16. Special Project*	
17. Review Game	
18. Test	
19. Alternate Test*	
20. Reference	

Unit 9: Cycles in Nature	
Assignments	
Science 500	1. Properties of Matter
	2. Properties of Matter (Part 2)
	3. Experiment: Volume
	4. Changes in Matter
	5. Experiment: Water Container*
	6. Experiment: Types of Changes*
	7. Conservation of Matter
	8. Experiment: Conservation of Matter*
	9. Structure of Matter
	10. Quiz 1
	11. The Four Seasons
	12. The Cause of Seasons
	13. Project: Globe*
14. Comets	
15. Report: Famous Comets*	
16. Life	
17. Experiment: Water Evaporation*	
18. Quiz 2	
19. God's Order	
20. Quiz 3	
21. Special Project*	
22. Review Game	
23. Test	
24. Alternate Test*	
25. Reference	

Unit 10: Look Ahead	
Assignments	
Science 500	1. Living Things: Plants, Fungi, Protists, and Monerans
	2. Living Things: Animals and Animal-Like Protists
	3. Living Things: Balance of Nature
	4. Quiz 1
	5. The Earth: Records of Life
	6. The Earth: Fossils
	7. The Earth: Records in Rock
	8. Quiz 2
	9. Order in Creation
10. Energy and Work	
11. Matter	
12. Quiz 3	
13. Special Project*	
14. Review Game	
15. Test	
16. Alternate Test*	
17. Reference	

Science 600

Science 600 is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300-500 elementary courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 600 include the study of plant and animal systems, plant and animal behavior, genetics, the structure of matter, light and sound, kinematics, planet Earth, the solar system, and astronomy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the different systems in plants and animals.
- Explain the different ways plants and animals behave.
- Explain how Mendel used observation to develop his theories.
- Demonstrate a basic knowledge of chemical structure and the periodic table.
- Discuss light and sound waves.
- Describe motion as it relates to force and work.
- Explain how time and season are related to the rotation and revolution of the earth.
- Identify common stars and constellations.

Unit 1: Plant Systems	
Assignments	
Science 600	1. Course Overview
	2. Photosynthesis: Location
	3. Experiment: Anacharis Photosynthesis
	4. Photosynthesis: The Leaf Factory
	5. Experiment: Seeds
	6. Photosynthesis: Products
	7. Experiment: Digestive Enzymes
	8. Photosynthesis: Raw Materials
	9. Investigation: Plant Growth
	10. Quiz 1
	11. Transport System: Roots
	12. Experiment: Root Observation
	13. Transport System: Stems and Leaves
	14. Experiment: Celery
	15. Quiz 2
	16. Regulatory System
	17. Experiment: Growing Roots*
	18. Quiz 3
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

Unit 2: Body Systems	
Assignments	
Science 600	1. Digestive System: Structure
	2. Digestive System: Function
	3. Experiment: Digestion
	4. Digestive System: Function (Part 2)
	5. Experiment: Oil and Soap
	6. Experiment: Passing Food
	7. Quiz 1
	8. Circulatory System
	9. Experiment: Pulse Rate
	10. Project: Heart*
	11. Excretory System
	12. Experiment: Carbon Dioxide
13. Project: Lungs*	
14. Experiment: Evaporation and Cooling	
15. Quiz 2	
16. Muscular System	
17. Skeletal System	
18. Quiz: Bone Quiz*	
19. Quiz 3	
20. Special Project*	
21. Review Game	
22. Test	
23. Alternate Test*	
24. Reference	

Unit 3: Plants and Animal Behavior	
Assignments	
Science 600	1. The Nervous System
	2. Report: The Eye
	3. Report: The Ear
	4. Nerves and Spinal Column
	5. Response and Intelligence
	6. Report: Instincts*
	7. Experiment: Response*
	8. Experiment: Trial and Error*
	9. Quiz 1
	10. Plant Behavior
	11. Investigation: Tropisms
	12. Quiz 2
13. Terrestrial Biomes	
14. Aquatic Biomes	
15. Food Chains	
16. Nature: Cycles and Balance	
17. Report: Man's Influence*	
18. Quiz 3	
19. Special Project*	
20. Review Game	
21. Test	
22. Alternate Test*	
23. Reference	

Unit 4: Molecular Genetics	
Assignments	
Science 600	1. Reproduction
	2. Project: Flower Structure*
	3. Male-Female Reproduction
	4. Project: Lima Bean Embryo*
	5. Quiz 1
	6. Inheritance
	7. Project: Mendel's Discovery*
	8. Taste, Dominance, and Multiple Genes
	9. Experiment: Taste Gene Lab
	10. Project: Traits*
	11. Quiz 2
	12. DNA
13. Experiment: Albinos*	
14. Report: Genetics*	
15. Mutation	
16. The Use of Mutations	
17. Project: Pea Pod*	
18. Temperature Influence on Coloration	
19. Quiz 3	
20. Special Project*	
21. Review Game	
22. Test	
23. Alternate Test*	
24. Reference	

Unit 5: Chemical Structure and Change		
Assignments		
Science 600	1. Chemical Structure	16. Project: Chart and Diagram*
	2. Experiment: Solid, Liquid, Gas	17. Report: Chemical Discoveries*
	3. Chemical Elements and Atoms	18. Acids and Bases
	4. Molecules and Compounds	19. Experiment: Acid or Base?
	5. Experiment: Copper Iodide	20. Project: From Memory*
	6. Experiment: Calcium Carbonate	21. Project: Cause and Effect*
	7. Quiz 1	22. Project: Chemical Symbols*
	8. Periodic Table	23. Project: Discussion*
	9. Project: Water Molecule Model	24. Quiz 3
	10. Atomic Mass	25. Special Project*
	11. Project: Atomic Number*	26. Review Game
	12. Arrangement of the Periodic Table	27. Test
	13. Project: Use the Periodic Table	28. Alternate Test*
	14. Quiz 2	29. Reference
	15. Chemical Change	

Unit 6: Light and Sound		
Assignments		
Science 600	1. Waves: Sound	13. Project: Color Wheel
	2. Experiment: Test Tube Tunes	14. Experiment: Subtractive Colors
	3. Project: Sound Vibrations	15. Experiment: Mixing Colored Lights*
	4. Light Waves	16. Mixing Colors
	5. Project: Light Waves	17. Experiment: Mixing Colorants*
	6. Project: Refracted Light	18. Quiz 3
	7. Quiz 1	19. Special Project*
	8. The Spectrum	20. Review Game
	9. Project: Color Spectrum	21. Test
	10. Project: Create a Rainbow*	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Colors	

Unit 7: Motion and Its Measurement		
Assignments		
Science 600	1. Motion, Force, and Work	10. Experiment: The Law of Inertia
	2. Measurement of Work	11. Quiz 2
	3. Experiment: Forces of Lifting and Pulling	12. Change in Motion
	4. Project: Unscramble Activity*	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Power and Newton's Laws of Motion	15. Review Game
	7. Report: Horsepower and Watts*	16. Test
	8. Experiment: Your Horsepower*	17. Alternate Test*
	9. Newton's Laws of Motion and Gravitation	18. Reference

Unit 8: Spaceship Earth		
Assignments		
Science 600	1. Earth's Motion	11. Quiz 2
	2. Experiment: Balloon Globe*	12. The Solar System
	3. Earth's Rotation	13. Report: Planets*
	4. Time	14. Asteroids, Comets, and Meteoroids
	5. Experiment: Observing Shadows	15. Quiz 3
	6. Earth's Orbit	16. Special Project*
	7. Quiz 1	17. Review Game
	8. Eclipses	18. Test
	9. Project: Fact or Opinion*	19. Alternate Test*
	10. Experiment: Eclipses	20. Reference

Unit 9: Astronomy and the Stars		
Assignments		
Science 600	1. Astronomy	12. Quiz 2
	2. Report: Great Astronomers*	13. Constellations and Major Stars
	3. Astronomy Today	14. Project: Betelgeuse and Aldebaran
	4. Quiz 1	15. Project: Constellations*
	5. Stars	16. Quiz 3
	6. Elements and Spectra	17. Special Project*
	7. Project: The Spectroscope*	18. Review Game
	8. Experiment: Spectrography*	19. Test
	9. Experiment: Oil on Water*	20. Alternate Test*
	10. Magnitude and Luminosity	21. Reference
	11. Light Years and Astronomical Units	

Unit 10: The Earth and the Universe		
Assignments		
Science 600	1. The Photosynthesis System	14. Physics and Chemistry: Motion
	2. The Transport System of Plants	15. Physics and Chemistry: Machines
	3. The Digestive System	16. Quiz 2
	4. The Excretory System	17. Earth's Rotation
	5. Skeletal and Muscular Systems	18. Earth's Revolution
	6. The Nervous System	19. Our Solar System
	7. Genetics and Reproduction	20. Quiz 3
	8. Ecological Systems	21. Special Project*
	9. Report: Biomes*	22. Review Game
	10. Quiz 1	23. Test
	11. Physics and Chemistry: Matter	24. Alternate Test*
	12. Physics and Chemistry: Light	25. Reference
	13. Physics and Chemistry: Sound	

General Science I

General Science I is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 course, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science I include the scientific method, overview of the four major areas of science, mathematics in science, astronomy, the atmosphere, natural cycles, weather and climate, human anatomy and physiology, and careers in science.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

- **What is Science:** Students will explore the tools and methods of a scientist, the four major areas of science, and look at several careers in science.
- **Perceiving Things:** Students will learn about the metric system, different types of measurement and methods of presenting data.
- **Earth in Space (Part 1):** Students will learn about the constellations and the history of astronomy.
- **Earth in Space (Part 2):** Students will learn the components of the solar system and their movements.
- **The Atmosphere:** Students will learn about the structure of the atmosphere, and the cycles occurring within it.
- **Weather:** Students will learn about the causes of weather, how it is measured and forecasted.
- **Climate:** Students will explore the types of climates around the world and the factors that affect climate.
- **The Human Anatomy (Part 1):** Students will explore the building blocks of the human body and several of its systems.
- **The Human Anatomy (Part 2):** Students will learn about other systems in the human body.
- **Working in Science:** Student will explore different types of scientists and the work they do.

Unit 1: What is Science?		
Assignments		
General Science I	1. Course Overview	9. The Four Major Areas of Science
	2. Tools of a Scientist 1	10. Quiz 3: Work of a Scientist
	3. Tools of a Scientist 2	11. Careers in Science
	4. Quiz 1: Tools of a Scientist	12. Quiz 4: Careers in Science
	5. Methods of a Scientist 1	13. Special Project*
	6. Methods of a Scientist 2	14. Test
	7. Quiz 2: Methods of a Scientist	15. Alternate Test*
	8. The Scientist	16. Reference

Unit 2: Perceiving Things		
Assignments		
General Science I	1. Measurement: The Metric System	8. Graphs: Pictographs and Pie Charts
	2. Measurement: Size and Distance	9. Experiment: Making Graphs
	3. Measurement: Area	10. Quiz 2: Graphing Data
	4. Measurement: Volume	11. Special Project*
	5. Measurement: Mass and Density	12. Test
	6. Quiz 1: Measurement	13. Alternate Test*
	7. Graphs: Uses, Bar, and Line	14. Reference

Unit 3: Earth in Space (1)		
Assignments		
General Science I	1. Stargazing	8. Astronomers
	2. Star Charts	9. Essay: Galileo*
	3. Experiment: Constellations	10. Quiz 3: Astronomers
	4. Quiz 1: Stargazing	11. Special Project*
	5. Astronomy	12. Test
	6. Experiment: Astrolabe*	13. Alternate Test*
	7. Quiz 2: Astronomy	14. Reference

Unit 4: Earth in Space (2)		
Assignments		
General Science I	1. The Sun's Energy	8. Quiz 3: The Moon
	2. Quiz 1: The Sun's Energy	9. Eclipses
	3. The Sun's Family	10. Quiz 4: Eclipses
	4. Outer Planets	11. Special Project*
	5. Asteroids and Comets	12. Test
	6. Quiz 2: The Sun's Family	13. Alternate Test*
	7. The Moon	14. Reference

Unit 4: Earth in Space (2)	
General Science I	Assignments
	1. The Sun's Energy
	2. Quiz 1: The Sun's Energy
	3. The Sun's Family
	4. Outer Planets
	5. Asteroids and Comets
	6. Quiz 2: The Sun's Family
	7. The Moon
	8. Quiz 3: The Moon
	9. Eclipses
	10. Quiz 4: Eclipses
	11. Special Project*
	12. Test
	13. Alternate Test*
14. Reference	

Unit 5: The Atmosphere	
General Science I	Assignments
	1. Structure of the Atmosphere
	2. Solar Effects
	3. Experiment: The Greenhouse
	4. Quiz 1: Structure of the Atmosphere
	5. Water Cycle
	6. Other Natural Cycles
	7. Quiz 2: Natural Cycles
	8. Pollution
	9. Quiz 3: Pollution
	10. Special Project*
	11. Test
	12. Alternate Test*
	13. Reference

Unit 6: Weather	
General Science I	Assignments
	1. Elements of Weather
	2. Wind
	3. Pressure
	4. Experiment: Dew Point
	5. Quiz 1: Elements of Weather
	6. Weather in Motion
	7. Fronts
	8. Quiz 2: Weather in Motion
	9. Weather Forecasting
	10. Quiz 3: Weather Forecasting
	11. Special Project*
	12. Test
	13. Alternate Test*
14. Reference	

Unit 7: Climate	
General Science I	Assignments
	1. Climate: General
	2. Quiz 1: Climate: General
	3. Climate: Worldwide
	4. Quiz 2: Climate: Worldwide
	5. Regional Climate Types
	6. Distribution of Climate Types in the World
	7. Quiz 3: Regional Climate Types and Distribution of Climate Types
	8. Special Project*
	9. Test
	10. Alternate Test*
11. Reference	

Unit 8: The Human Anatomy (Part 1)	
General Science I	Assignments
	1. Human Building Blocks
	2. Experiment: Cheek Cell
	3. Quiz 1: Human Building Blocks
	4. Human Framework
	5. Skin
	6. Quiz 2: Human Framework
	7. Human Nervous System
	8. Project: Human Brain*
	9. Senses
	10. Quiz 3: Human Nervous System and Senses
	11. Special Project*
	12. Test
	13. Alternate Test*
14. Reference	

Unit 9: The Human Anatomy (Part 2)	
General Science I	Assignments
	1. The Respiratory System
	2. Quiz 1: The Respiratory System
	3. The Circulatory System
	4. Experiment: Heart Rate
	5. Quiz 2: The Circulatory System
	8. The Excretory System
	9. Quiz 4: The Excretory System
	10. The Endocrine System
	11. Quiz 5: The Endocrine System
	12. Special Project*

6.	The Digestive System--Part 1	13.	Test
	The Digestive System--Part 2		14. Alternate Test*
	Quiz 3: The Digestive System		16. Reference

Unit 10: Working in Science				
Assignments				
General Science I	1.	Scientists at Work	12.	The Medical Scientist at Work
	2.	Experiment: Red Celery	13.	Nervous and Endocrine Systems
	3.	Famous Scientists	14.	Circulatory and Respiration Systems
	4.	Quiz 1: Scientists at Work	15.	Digestive and Excretory Systems
	5.	The Astronomer at Work	16.	Quiz 4: The Medical Scientist at Work and Body Systems
	6.	Planets	17.	Special Project*
	7.	Quiz 2: The Astronomer at Work	18.	Test
	8.	The Meteorologist at Work	19.	Alternate Test*
	9.	Studying the Weather	20.	Reference
	10.	Studying Climates		
	11.	Quiz 3: The Meteorologist at Work		

General Science II

General Science II is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 and General Science I courses, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science II include the history of science, structure and properties of matter, health and nutrition, types of energy, electricity and magnetism, work, energy, forces, simple machines, balance in nature, natural cycles and resources.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms and the environment, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

- **Science and Society:** Students will define science, describe its history, and use their main senses for observation of the world around them.
- **Structure of Matter (Part 1):** Students will describe elements and compounds in the terms of atoms and molecules.
- **Structure of Matter (Part 2):** Students will demonstrate a knowledge of the different changes in matter.
- **Health and Nutrition:** Students will learn how to develop good health habits.
- **Energy (Part 1):** Students will explain and give examples of the different types of energy.
- **Energy (Part 2):** Students will define magnetism and electricity and describe their relationship.
- **Machines (Part 1):** Students will define force and work, and evaluate the relationship that exists between work and energy.
- **Machines (Part 2):** Students will describe the different types of simple machines.
- **Balance in Nature:** Students will discuss the balance in nature regarding the different cycles.
- **Science and Technology:** Student will review the other units and explore careers in science and technology.

Unit 1: Science and Society	
Assignments	
General Science II	1. Course Overview
	2. Science Today
	3. Post-Renaissance Science
	4. Essay: Mendel
	5. Quiz 1
	6. Today's Scientist
	7. Quiz 2
	8. Science and Technology
	9. Essay: Da Vinci*
	10. Limitations
	11. Quiz 3
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

Unit 2: Structure of Matter (Part 1)	
Assignments	
General Science II	1. Properties of Matter (1)
	2. Experiment: Determining Volume
	3. Experiment: Metric Measurements*
	10. Compounds
	11. Mixtures
	12. Experiment: Mixtures

General Science II	4. Properties of Matter (2)	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Atoms and Molecules	15. Test
	7. Molecules	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Elements	

Unit 3: Structure of Matter (Part 2)		
General Science II	Assignments	
	1. Matter and Change	10. Bases
	2. Experiment: Phase Changes	11. Experiment: Cabbage
	3. Solutions	12. Quiz 3
	4. Chemical Changes	13. Salts
	5. Experiment: Forms of Change	14. Quiz 4
	6. Nuclear Changes	15. Special Project*
	7. Quiz 1	16. Test
	8. Acids	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 4: Health and Nutrition		
General Science II	Assignments	
	1. Foods and Digestion	8. Quiz 3
	2. Quiz 1	9. Hygiene
	3. Diet	10. Quiz 4
	4. Experiment: Food Record	11. Special Project*
	5. Quiz 2	12. Test
	6. Nutritional Diseases	13. Alternate Test*
	7. Essay: Nutrition	14. Reference

Unit 5: Energy (Part 1)		
General Science II	Assignments	
	1. Mechanical Energy	8. Energy Conversion and Entropy
	2. Potential Energy	9. Essay: Entropy*
	3. Quiz 1	10. Quiz 3
	4. Other Forms of Energy	11. Special Project*
	5. Chemical Energy	12. Test
	6. Atomic Energy	13. Alternate Test*
	7. Quiz 2	14. Reference

Unit 6: Energy (Part 2)	
General Science II	Assignments
	1. Magnetism
	2. Experiment: Magnetism
	3. Electricity and Magnetism
	4. Quiz 1
	5. Electricity
	6. Electrical Circuits
	7. Quiz 2
	8. Energy for the Future
	9. Experiment: Hot Dog Cooker*
	10. Quiz 3
	11. Special Project*
	12. Test
	13. Alternate Test*
14. Reference	

Unit 7: Machines (Part 1)	
General Science II	Assignments
	1. Distance
	2. Essay: Scientists
	3. Measuring Distance
	4. Quiz 1
	5. Force
	6. Force Vectors
	7. Quiz 2
	8. Work
	9. Work and Energy
	10. Quiz 3
	11. Special Project*
	12. Test
	13. Alternate Test*
14. Reference	

Unit 8: Machines (Part 2)	
General Science II	Assignments
	1. Friction
	2. Types of Friction
	3. Experiment: Friction Investigation
	4. Quiz 1
	5. Levers
	6. Quiz 2
	7. Wheel and Axle, Pulleys, and Gears
	8. Experiment: Pencil Sharpener
	9. Quiz 3
	10. Inclined Plane, Wedge, and Screw
	11. Quiz 4
	12. Special Project*
	13. Test
	14. Alternate Test*
15. Reference	

Unit 9: Balance in Nature	
General Science II	Assignments
	1. Photosynthesis and Food
	2. Food
	3. Quiz 1
	4. Natural Cycles
	5. The Water Cycle
	6. Quiz 2
	7. Balance and Disruption
	8. Resources
	9. Quiz 3
	10. Special Project*
	11. Test
	12. Alternate Test*
13. Reference	

Unit 10: Science and Technology	
Assignments	
General Science II	1. Basic Science
	2. Characteristics of Matter
	3. Matter in Change
	4. Quiz 1
	5. Energy
	6. Chemical and Atomic Energy
	7. Magnetism and Electricity
	8. Machines at Work
	9. Quiz 2
	10. Life Science
	11. Quiz 3
	12. Vocations in Science and Technology
	13. Quiz 4
	14. Special Project*
	15. Test
	16. Alternate Test*
	17. Reference

Integrated Physics and Chemistry

Integrated Physics and Chemistry is a physical science course designed for high school students needing an entry-level science course covering basic concepts found in chemistry and physics. Topics included in this course are matter, motion and forces, work and energy, electricity and magnetism, and waves.

Throughout the course, students will have opportunities to observe simulations, investigate ideas, and solve problems, both online and away from the computer.

- **Explorations in Physical Science:** Students will employ the scientific method, measurements and calculations to conduct experiments.
- **The Structure of Matter:** Students will explore the structure of matter, including atomic structure, elements, compounds, and mixtures.
- **Matter and Change:** Students will explore the chemical changes that matter can go through.
- **States of Matter:** Students will explore the states of matter and the process that matter goes through for its state to change.
- **Motion and Forces:** Students will describe the motion of objects, Newton's laws that predict that motion, and how the motion is measured.
- **Work and Energy:** Students will explore various types of energy, simple machines, and the work that they can do.
- **Heat Flow:** Students will describe heat, heat flow, and the laws of thermodynamics, as well as explore uses of heat flow.
- **Electricity and Magnetism:** Students will explore the relationship between electricity and magnetism.
- **Waves:** Students will explore the properties and characteristics of waves.
- **Chemistry and Physics in Our World:** Students will discuss how chemistry and physics are at work in our daily lives, and explore basic astronomical principles.

Integrated Physics and Chemistry	Unit 1: Explorations in Physical Science	
	Assignments	
	1. Course Overview	10. Mass and Density
	2. What is Science?	11. Experiment: Determining Density*
	3. The Scientific Method	12. Experiment: Density Column
	4. Experiment: Making Observations	13. Quiz 2: Measuring Matter
	5. Quiz 1: Nature of Science	14. Special Project*
	6. The Metric System	15. Review
	7. Scales	16. Test
	8. Volume	17. Alternate Test*
	9. Experiment: Determining Volume	18. Glossary and Credits
	Unit 2: The Structure of Matter	
	Assignments	
	1. The History of Atomic Theory	11. Mixtures
	2. Experiment: Atomic Structure	12. Separating Mixtures
	3. The Atomic Model	13. Experiment: Separating a Mixture
	4. Quiz 1: Atomic Structure	14. Quiz 3: Mixtures
	5. Elements and Their Properties	15. Special Project*

6.	The Periodic Table	16.	Review
7.	Trends on the Periodic Table	17.	Test
8.	Experiment: Identifying an Unknown	18.	Alternate Test*
9.	Compounds	19.	Glossary and Credits
10.	Quiz 2: Pure Substances		

Unit 3: The Structure of Matter				
Assignments				
Integrated Physics and Chemistry	1.	States of Matter	13.	Quiz 2: Chemical Changes
	2.	Changes of State	14.	Radioactivity
	3.	Experiment: Graphing Changes of State	15.	Nuclear Reactions
	4.	Solutions - The Dissolving Process	16.	Experiment: Half-Life
	5.	Acids and Bases	17.	Nuclear Energy
	6.	Experiment: The Cabbage Indicator	18.	Quiz 3: Nuclear Changes
	7.	Quiz 1: Physical Changes	19.	Special Project*
	8.	Chemical Bonding	20.	Review
	9.	Atomic Structure and Bonding	21.	Test
	10.	Experiment: Chemical Changes	22.	Alternate Test*
	11.	Chemical Reactions and Conservation of Mass	23.	Glossary and Credits
	12.	Types of Chemical Reactions		

Unit 4: States of Matter				
Assignments				
Integrated Physics and Chemistry	1.	Properties of Solids	11.	Quiz 2: Liquids
	2.	Experiment: Comparing Hardness and Density of Solids	12.	General Characteristics of Gases
	3.	Elasticity and Strength in Solids	13.	Pressure and Volume in Gases
	4.	Electrical Conductivity in Solids	14.	Experiment: Pressure in Gases
	5.	Quiz 1: Solids	15.	Temperature and Volume Changes in Gases
	6.	Characteristics of Liquids	16.	Quiz 3: Gases
	7.	Experiment: Viscosity	17.	Special Project
	8.	Pressure in Liquids	18.	Review
	9.	Archimedes' Principle and Flotation	19.	Test
	10.	Liquids and Capillary Action	20.	Alternate Test*
		21.	Glossary and Credits	

Unit 5: Motion and Forces	
Integrated Physics and Chemistry	Assignments
	1. Distance and Displacement
	2. Speed and Velocity Acceleration
	3. Motion Graphs
	4. Experiment: Motion Graphs
	5. Momentum
	6. Project: Virtual lab - Conservation of Momentum
	7. Quiz 1: Motion
	8. Forces
	9. Friction
	10. Distance and Displacement
	11. Newton's Laws
	12. Project: Virtual Lab - Newton's Laws
	13. Experiment: Propulsion
	14. Centripetal Force
	15. Quiz 2: Forces
	16. Project: Virtual Lab - Circular Motion
	17. Special Project*
	18. Review
	19. Test
	20. Alternate Test*
21. Glossary and Credits	

Unit 6: Semester Review and Exam	
IPC	Assignments
	1. Review
	2. Exam
	3. Alternate Exam - Form A*
4. Alternate Exam - Form B*	

Unit 7: Work and Energy	
Integrated Physics and Chemistry	Assignments
	1. Forms of Energy
	2. Work
	3. Mechanical Energy
	4. Conservation of Energy
	5. Experiment: Potential and Kinetic Energy
	6. Power
	7. Quiz 1: Work, Energy, and Power
	8. Simple Machines; Levers
	9. Mechanical Advantage and Efficiency
	10. Pulleys; Wheels and Axles
	11. Inclined Planes, Wedges, and Screws
	12. Project: Virtual Lab - Simple Machines
	13. Experiment: Inclined Planes
	14. Quiz 2: Simple Machines
	15. Project: Virtual Lab - Projectiles
	16. Special Project*
	17. Review
	18. Test
	19. Alternate Test*
20. Glossary and Credits	

Unit 8: Heat Flow	
Integrated Physics and Chemistry	Assignments
	1. Thermodynamics and Entropy
	2. Specific Heat Capacity
	3. Heat Flow
	4. Experiment: Insulators
	5. Quiz 1: Energy Transfer
	6. Heating Systems
	7. Experiment: Heat and Expansion
	8. Cooling and Refrigeration
	9. Heat Engines
	10. Quiz 2: Heat Flow and Technology
	11. Special Project*
	12. Review
	13. Test
	14. Alternate Test*
15. Glossary and Credits	

Integrated Physics and Chemistry	Unit 9: Electricity and Magnetism	
	Assignments	
	1. Electric Charges	10. Magnetism and Electricity
	2. Static Electricity	11. Experiment: Diverting a Magnetic Field
	3. Experiment: Electrostatic Investigations	12. Magnetic Fields in Space
	4. Electric Current	13. Quiz 2: Magnetism
	5. Circuits	14. Special Project*
	6. Electrical Energy and Power	15. Review
	7. Project: Virtual Lab - Circuits	16. Test
	8. Quiz 1: Electricity	17. Alternate Test*
	9. Magnetism	18. Glossary and Credits

Integrated Physics and Chemistry	Unit 10: Waves	
	Assignments	
	1. Waves and Energy Transfer	14. Quiz 2: Sound
	2. Types of Waves	15. Light and the Electromagnetic Spectrum
	3. Properties of Waves	16. Properties of Light
	4. Experiment: Changing the Speed of a Wave	17. Reflection and Mirrors
	5. The Behavior of Waves	18. Experiment: Law of Reflection
	6. Quiz 1: Wave Characteristics and Properties	19. Lenses
	7. Sound Vibrations	20. Quiz 3: Light
	8. Detecting Sound	21. Project: Virtual Lab - Light
	9. Project: Virtual Lab - Sound	22. Special Project*
	10. Experiment: Using Vibrations to Produce Sound	23. Review
	11. Doppler Effect	24. Test
	12. Project: Virtual Lab - Doppler Effect	25. Alternate Test*
	13. Beats, Resonance, and Harmonics	26. Glossary and Credits

Integrated Physics and Chemistry	Unit 11: Chemistry and Physics in Our World	
	Assignments	
	1. Carbon Dioxide and Global Warming	9. Kepler and the Motion of the Spheres
	2. Experiment: Carbon Dioxide and Water Acidity	10. Experiment: Kepler's Second Law
	3. Fossil Fuels' Effect on the Environment	11. Quiz 2: Space Physics
	4. Media and Science	12. Special Project*
	5. Experiment: Water Acidity and the Environment	13. Review
	6. Quiz 1: Environmental Chemistry	14. Test
	7. Atomic Spectra and Moving Stars	15. Alternate Test*
	8. The Temperature of Stars	16. Glossary and Credits

IPC	Unit 12: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

IPC	Unit 13: Final Exam	
	Assignments	
	1. Final Exam	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

Biology

Biology is intended to expose students to the designs and patterns of living organisms that have been created by God. In preceding years, students should have developed a foundational understanding of life sciences. This biology course will expand upon that knowledge and incorporate more abstract knowledge. The student's understanding should encompass both the micro and macro aspects of life and this biology course includes both. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, botany, human anatomy and physiology, and ecological principles.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Biology should be preceded or accompanied by an Algebra I course.

- **Taxonomy: Key to Organization:** Students will explore the history of taxonomy, and describe and differentiate between the Artificial and Natural Systems of Taxonomy.
- **Chemistry of Life:** Students will demonstrate a knowledge of molecular structure as it relates to organic compounds.
- **Cells:** Students will describe cells, their different parts, and the function of a cell.
- **Cell Division and Reproduction:** Students will describe the processes of cell division and distinguish between asexual and sexual reproduction.
- **Genetics: God's Plan of Inheritance:** Students will discuss the importance of Mendel's work and results that led to the principle of segregation and the principle of dominance and recessiveness.
- **Microbiology:** Students will explore the six-kingdom classification system and identify which kingdoms are composed of prokaryotes and which are made up of eukaryotes.
- **Plants: Green Factories:** Students will describe the make-up of plant cells and the process of photosynthesis and respiration.
- **Human Anatomy and Physiology:** Students will describe the human body systems.
- **Ecology, Pollution, and Energy:** Students will discuss ecological relationships, pollution, and energy sources.
- **Principles and Applications of Biology:** Students will study the principles of life and the applications of biology.

Unit 1: Taxonomy: Key to Organization		
Assignments		
Biology	1. Course Overview	12. Quiz 3
	2. The History of Taxonomy	13. Taxonomy and Origins
	3. Quiz 1	14. Models of Origin
	4. Binomial Nomenclature	15. Project: Research
	5. Concept of Species	16. Project: Origins*
	6. Quiz 2	17. Quiz 4
	7. Plant and Animal Classification	18. Special Project*
	8. Experiment: Fruit	19. Test
	9. Activity: Keying Plants*	20. Alternate Test*
	10. Activity: Keying Animals*	21. Reference
	11. Search For A System	

Unit 2: Chemistry of Life		
Assignments		
Biology	1. Molecular Basis of Life	14. Carbohydrates
	2. Quiz 1	15. Experiment: Starch*
	3. Properties of Compounds	16. Lipids
	4. Experiment: Static Electricity	17. Nucleic Acids
	5. Covalent Bonding	18. Quiz 4
	6. Experiment: Temperature Control*	19. Enzymes
	7. Importance of Inorganic Compounds	20. Experiment: Digestion*
	8. Experiment: Water Properties	21. Quiz 5
	9. Experiment: Indicators*	22. Special Project*
	10. Quiz 2	23. Test
	11. Chemical Reactions	24. Alternate Test*
	12. Quiz 3	25. Reference
	13. Organic Compounds	

Unit 3: Cells		
Assignments		
Biology	1. The Cell - An Introduction	11. Organelles
	2. The Microscope	12. Production of Needed Material
	3. Experiment: Introducing the Microscope	13. Quiz 2
	4. Experiment: Plant, Animal, and Algae Cells	14. Cells in Organisms
	5. Experiment: Onion Cells*	15. Experiment: Tissues*
	6. Quiz 1	16. Quiz 3
	7. Cell Design	17. Special Project*
	8. Cell Membrane Function	18. Test
	9. Project: Virtual Lab - Osmosis	19. Alternate Test*
	10. Experiment: Osmosis	20. Reference

Unit 4: Cell Division and Reproduction		
Assignments		
Biology	1. Cell Division	16. Quiz 3
	2. Meiosis	17. Sexual Reproduction in Animals
	3. Stages of Mitosis	18. Experiment: Tissue Structure
	4. Experiment: Mitosis	19. Metamorphosis
	5. Quiz 1	20. Quiz 4
	6. Asexual Reproduction	21. Sexual Reproduction in Plants
	7. Experiment: Regeneration*	22. Life Cycles of Ferns and Pines
	8. Plants	23. Experiment: Ferns and Pines*
	9. Experiment: Bulb Structure*	24. Experiment: Flowers*
	10. Practical Applications in Plants	25. Quiz 5
	11. Experiment: Cuttings*	26. Special Project*
	12. Quiz 2	27. Test
	13. Sexual Reproduction	28. Alternate Test*
	14. Fertilization	29. Reference
	15. Experiment: Sexual Reproduction*	

Unit 5: Genetics: God's Plan of Inheritance		
Assignments		
Biology	1. Genetics: God's Plan of Inheritance	12. Experiment: Molecular Genetics
	2. Probabilities	13. Quiz 3
	3. Experiment: Probability	14. Human Genetics
	4. Cross Predictions	15. Factors Studied
	5. Application of Mendelian Genetics	16. Inherited Diseases
	6. Quiz 1	17. Quiz 4
	7. Chromosome Basis of Heredity	18. Special Project*
	8. Chromosomes in Meiosis	19. Test
	9. Sex Chromosomes	20. Alternate Test*
	10. Quiz 2	21. Reference
	11. Molecular Genetics	

Unit 6: Microbiology		
Assignments		
Biology	1. Microbial Taxonomy	12. Eubacteria
	2. Fungi	13. Activity: Pathogenic Bacteria Report
	3. Experiment: Fungus All Around (Part 1)	14. Archaea
	4. Experiment: Fungus All Around (Part 2)	15. Viruses, Prions, and Viroids
	5. Quiz 1: Microbial Taxonomy and Fungi	16. Experiment: Algae Observations
	6. Animal-like Protists	17. Quiz 4: Eubacteria, Archaea, Viruses, Prions, and Viroids
	7. Experiment: Protozoan Culture	18. Special Project*
	8. Quiz 2: Animal-like Protists	19. Test: Microbiology
	9. Plant-like Protists (Algae)	20. Alternate Test*: Microbiology
	10. Fungus-like Protists	21. Reference
	11. Quiz 3: Plant- and Fungus-like Protists	

Unit 7: Plants: Green Factories	
Assignments	
Biology	1. How Is a Plant Made?
	2. Parts of the Plant Cell
	3. Anatomy and Morphology
	4. Quiz 1
	5. How do Plants Grow?
	6. Experiment: Seeds
	7. Developmental Anatomy
	8. Quiz 2
	9. How do Plants Work?
	10. Photosynthesis: A Closer Look
11. Experiment: Terrarium*	
12. Respiration	
13. Quiz 3	
14. How do Plants Help People?	
15. Quiz 4	
16. Special Project*	
17. Test	
18. Alternate Test*	
19. Reference	

Unit 8: Human Anatomy and Physiology	
Assignments	
Biology	1. Digestive System
	2. Excretory System
	3. Respiratory System
	4. Circulatory System
	5. The Heart
	6. Experiment: Heart Rate
	7. Quiz 1
	8. Body Framework
	9. Muscular System
	10. Experiment: Muscle Types*
11. Reproductive System	
12. Quiz 2	
13. Environmental Interactions	
14. Sensory Systems: The Eye	
15. Sensory Systems: Hearing, Taste, Touch	
16. Endocrine System	
17. Immune System and Disease	
18. Quiz 3	
19. Special Project*	
20. Test	
21. Alternate Test*	
22. Reference	

Unit 9: Ecology, Pollution, and Energy	
Assignments	
Biology	1. Principles of Ecology
	2. Environmental Factors
	3. Food Chains
	4. Quiz 1
	5. Ecological Relationships
	6. Communities and Habitats
	7. Experiment: Habitats
	8. Experiment: Biomes*
	9. Experiment: Quadrats*
	10. Experiment: Inventory*
11. Quiz 2	
12. Pollution Affects Ecology	
13. Pollution Problems	
14. Quiz 3	
15. Energy Affects Ecology	
16. Essay: Stewardship	
17. Quiz 4	
18. Special Project*	
19. Test	
20. Alternate Test*	
21. Reference	

Unit 10: Principles and Applications of Biology	
Assignments	
Biology	1. Study of Life
	2. Definition of Life
	3. Quiz 1
	4. Basic Principles of Life
	5. Control System
	6. Environment of Life
	7. Quiz 2
8. Applications of Biology	
9. Green Revolution	
10. Quiz 3	
11. Special Project*	
12. Test	
13. Alternate Test*	
14. Reference	

Chemistry

Chemistry is intended to expose students to the designs and patterns in the world that God has created. In preceding years, students should have developed an understanding for the macroscopic properties of substances and been introduced to the

microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances, and teach the symbolic and mathematical world of formulas, equations, and symbols. The major concepts covered are measurement, atomic structure, chemical formulas and bonding, chemical reactions, stoichiometry, gases, chemical equilibrium, and organic chemistry.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Chemistry should be preceded by an Algebra I course and preceded or accompanied by an Algebra II course

- **Measurement and Analysis:** Students will explore different types of laboratory measurements.
- **Starting the Investigation:** How to Identify Elements, Compounds, and Mixtures: Students will explore the chemical and physical properties of elements, compounds, and mixtures.
- **Exploring Laws for Gases and Conservation of Mass:** Students will explore the kinetic molecular theory, the gas laws and the conservation of mass.
- **The Discovery of Atoms:** Nature's Building Blocks: Students will describe the history and current atomic theory.
- **Molecular Structure:** Students will explore stoichiometry, chemical bonding, and polar properties.
- **Chemical Reactions, Rates and Equilibrium:** Students will observe chemical changes, reaction rates, and factors that affect equilibrium.
- **Equilibrium Systems:** Students will explore solutions and equilibrium systems.
- **Carbon Chemistry: Hydrocarbons:** Students will describe organic compounds and saturated and unsaturated hydrocarbons.
- **Carbon Chemistry: Functional Groups:** Students will explore and describe the functional groups in hydrocarbons.

Unit 1: Measurement and Analysis		
Assignments		
Chemistry	1. Course Overview	13. Experiment: Masses
	2. An Introduction to Chemistry and Metric Measurement	14. Quiz 3: Measurement and Precision
	3. Report: Metric System*	15. Observation and Hypothesizing
	4. Quiz 1: Metric Conversions	16. Learning to Make Useful and Detailed Observations
	5. Showing Precision in Measurements	17. Using Graphs to Analyze Data
	6. Using Significant Figures to Show the Reliability of Data	18. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*
	7. Using Scientific Notation with Significant Figures	19. Quiz 4: Measurement to Graphs
	8. Quiz 2: Precision, Significant Figures, and Scientific Notation	20. Doing Chemistry Your Way: Find Your Future
	9. Measuring Volume in the Chemistry Laboratory	21. Quiz 5: Chapter Review
	10. Practice in Measuring Metric Volumes	22. Special Project*
	11. Measuring Mass in the Chemistry Laboratory	23. Test
	12. Project: Measuring Length with Precision*	24. Alternate Test*
	25. Reference	

Unit 2: Starting the Investigation: How to Identify Elements, Compounds, and Mixtures		
Assignments		
Chemistry	1. The Basic Ingredient: Chemical Elements	8. Report: Density*
	2. Quiz 1: Elements, Chemical and Physical Properties	9. Identifying Different Types of Mixtures
	3. Using Chemical and Physical Properties to Identify Substances	10. Experiment: Using the Tyndall Effect to Identify Colloids
	4. Experiment: Observations of a Phase Change	11. Quiz 3: Chapter Review
	5. Experiment: Salt and Sand*	12. Special Project*
	6. Creating Compounds: Investigating Chemical Changes	13. Test
	7. Quiz 2: Elements to Compounds and Chemical Changes	14. Alternate Test*
	15. Reference	

Unit 3: Exploring Laws for Gases and Conservation of Mass		
Assignments		
Chemistry	1. Nothing Stays Put - The Basis for Diffusion and Pressure	12. Combined Gas Law
	2. Gases and Kinetic Molecular Theory	13. Quiz 4: Diffusion to Combined Gas Law
	3. Project: Graphing Kinetic Energy*	14. Counting Gas Particles: The Measure of the Mole
	4. Quiz 1: Diffusion and Kinetic Molecular Theory	15. How Big is a Mole? Avogadro's Number
	5. Pressure-Volume Relationships in Gases (Boyle's Law)	16. Demonstrating Conservation of Mass with Balanced Equations
	6. Quiz 2: Diffusion to P-V Relationships in Gases	17. Essay: Biography*
	7. Temperature-Volume Relationships in Gases (Charles' Law)	18. Project: Examining the Use of Certain Gases as Propellants*
	8. Experiment: Finding Absolute Zero Experimentally	19. Quiz 5: Chapter Review
	9. Experiment: Charles' Law and a Metal Can*	20. Special Project*
	10. Project: Absolute Zero: Real or Theoretical?*	21. Test
	11. Quiz 3: Diffusion to V-T Relationships in Gases	22. Alternate Test*
	23. Reference	

Unit 4: The Discovery of Atoms: Nature's Building Blocks		
Assignments		
Chemistry	1. The Golden Years of Chemistry	10. Charging Up: Ionization of Atoms
	2. Experiment: Physical Properties of Elements	11. Quiz 4: Golden Years to Ionization
	3. Experiment: Chemical Properties of Some Metals	12. A Closer Look Inside: Nuclear Reactions
	4. Masters of Classic Atomic Theory	13. Report: Fission Reactors
	5. Quiz 1: Golden Years to Masters	14. Quiz 5: Chapter Review
	6. Designing an Organizational Map: The Periodic Table	15. Special Project
	7. Quiz 2: Golden Years to Periodic Table	16. Test
	8. The Bohr Model Revisited	17. Alternate Test
	9. Quiz 3: Golden Years to Bohr Model	18. Reference

Unit 5: Molecular Structure		
Assignments		
Chemistry	1. Chemical Accounting: Stoichiometry	8. Charging Up: Ionization of Atoms
	2. Valence Structure	9. Quiz 4: Golden Years to Ionization
	3. Quiz 1: Stoichiometry to Valence	10. A Closer Look Inside: Nuclear Reactions
	4. Determining Chemical Formulas	11. Report: Fission Reactors
	5. Electron Availability: Prelude to Bonding	12. Quiz 5: Chapter Review
	6. Quiz 2: Stoichiometry to Prelude to Bonding	13. Special Project
	7. Types of Chemical Bonds	14. Test

Unit 6: Semester Review and Test		
Assignments		
Chemistry	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*

Unit 7: Chemical Reactions, Rates and Equilibrium		
Assignments		
Chemistry	1. Evidence for Chemical Change	10. Factors that Affect Reaction Rate: Temperature, Catalysts, Concentration of Reactants
	2. Experiment: Observing Chemical Changes	11. Quiz 2: Chemical Change to Reaction Rate
	3. Experiment: Chemical Reactions*	12. Reaction Equilibria and Equilibrium Constants
	4. Experiment: Ammonium Nitrate*	13. Activity: Exploring Factors that Affect Equilibrium
	5. Enthalpy of Reaction	14. Conditions Affecting Equilibrium
	6. Using Gibbs Free Energy to Predict Spontaneous Reactions	15. Quiz 3: Chapter Review
	7. Quiz 1: Chemical Change to Enotropy and Gibbs Free Energy	16. Special Project*
	8. Factors that Affect Reaction Rates: Solution Concentration	17. Test
	9. Experiment: Effect of Solution Concentration on Reaction Rate	18. Alternate Test*
	19. Reference	

Unit 8: Equilibrium Systems																									
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Chemistry	Unit 13: Final Exam	
	Assignments	
	1. Exam	3. Alternate Exam—Form B*
	2. Alternate Exam—Form A*	

Physics

Physics is intended to expose students to the design and order in the world that God has created. In preceding years, students should have developed a basic understanding of the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in physics. The major concepts covered are kinematics, forces and motion, work and energy, sound and light waves, electricity and magnetism, and nuclear physics.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Physics should be preceded by Algebra I and II courses and geometry.

- **Kinematics:** Students will learn to use scalars and vectors to visualize and calculate concepts of motion.
- **Dynamics:** Students will articulate Newton's and Kepler's laws of motion.
- **Work and Energy:** Students will demonstrate an understanding of how energy is transferred and changed from one form to another.
- **Introduction to Waves:** Students will describe wave characteristics such as amplitude, velocity, wavelength, and frequency.
- **Light:** Students will describe phenomena that characterize light as a wave and phenomena that characterize it as a particle.
- **Static Electricity:** Students will understand that all electric charges produce an electric field around them.
- **Electric Currents:** Students will apply and solve problems using Ohm's Law and Watt's Law for both series and parallel circuits.
- **Magnetism:** Students will describe the relationship between magnetism and electricity.
- **Atomic and Nuclear Physics:** Students will acquire a general understanding of atomic theory, including fusion and fission.

Unit 1: Kinematics		
Assignments		
Physics	1. Course Overview	11. Acceleration and Acceleration Due to Gravity
	2. Introduction to the Language of Physics	12. Experiment: Determining Reaction Time
	3. Experiment: Making a Soda Straw Balance	13. Quiz 4: Acceleration and Acceleration Due to Gravity
	4. Experiment: Making a Simple Model of the Solar System	14. Vectors
	5. Quiz 1: Measurements	15. Projectiles
	6. Scalars and Vectors	16. Quiz 5: Review
	7. Quiz 2: Scalars and Vectors	17. Special Project*
	8. Speed and Velocity	18. Review Game
	9. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*	19. Test
	10. Quiz 3: Speed and Velocity	20. Alternate Test*
	21. Reference	

Unit 2: Dynamics		
Assignments		
Physics	1. Newton's First and Second Laws	13. Experiment: Collisions
	2. Report: Isaac Newton	14. Quiz 4
	3. Quiz 1	15. Kepler's Laws of Planetary Motion
	4. Project: Virtual Lab - Newton's Laws	16. Report: Solar System
	5. Gravity	17. Experiment: Kepler's Law
	6. Quiz 2	18. Quiz 5
	7. Uniform Circular Motion	19. Special Project
	8. Project: Virtual Lab - Circular Motion	20. Review Game
	9. Experiment: Circular Motion	21. Test
	10. Quiz 3	22. Alternate Test
	11. Newton's Third Law and Conservation of Momentum	23. Reference
	12. Project: Virtual Lab - Conservation of Momentum	

Unit 3: Work and Energy		
Assignments		
Physics	1. Work, Kinetic, and Potential Energy	11. Latent Heat
	2. Report: Nuclear Energy*	12. Experiment: Latent Heat*
	3. Quiz 1	13. Laws of Thermodynamics
	4. Conservation of Energy	14. Quiz 3
	5. Power and Efficiency	15. Special Project*
	6. Project: Virtual Lab- Simple Machines	16. Review Game
	7. Experiment: Simple Machines	17. Test
	8. Quiz 2	18. Alternate Test*
	9. Project: Virtual Lab- Projectiles	19. Reference
	10. Heat Energy	

Unit 4: Introduction to Waves		
Assignments		
Physics	1. Characteristics of Waves	10. Project: Virtual Lab- Sound
	2. Experiment: Wave Speeds	11. Project: Virtual Lab- Doppler Effect
	3. Experiment: Pulses*	12. Experiment: Doppler Effect*
	4. Quiz 1	13. Quiz 3
	5. Wave Phenomena	14. Special Project*
	6. Experiment: Waves	15. Review Game
	7. Experiment: Bending Waves*	16. Test
	8. Quiz 2	17. Alternate Test*
	9. Sound Waves	18. Reference

Unit 5: Light		
Assignments		
Physics	1. Speed of Light: Historical Calculations	10. Light Phenomena and Models of Light
	2. Properties of Light	11. Project: Virtual Lab- Light
	3. Experiment: Light Angles	12. Experiment: Light Observations*
	4. Experiment: Water Refraction*	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Mirrors	15. Review Game
	7. Experiment: Convergence	16. Test
	8. Lenses	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 6: Semester Review and Exam		
Assignments		
Physics	1. Review	3. Alternate Exam- Form A*
	2. Exam	4. Alternate Exam- Form B*

Unit 7: Static Electricity		
Assignments		
Physics	1. Electric Charges	9. Potential and Energy
	2. Coulomb's Law	10. Quiz 3
	3. Experiment: Static Electricity*	11. Special Project*
	4. The Transfer of Charges	12. Review Game
	5. Quiz 1	13. Test
	6. Electric Fields	14. Alternate Test*
	7. Quiz 2	15. Reference
	8. Electric Potential	

Unit 8: Electric Currents	
Assignments	
Physics	1. Sources of EMF
	2. Project: Research and Report*
	3. Fluid Flow
	4. Quiz 1
	5. Resistance
	6. Quiz 2
	7. Ohm's Law
	8. Circuits
9. Project: Virtual Lab- Circuits	
10. Quiz 3	
11. Special Project*	
12. Review Game	
13. Test	
14. Alternate Test*	
15. Reference	

Unit 9: Magnetism	
Assignments	
Physics	1. Fields and Forces
	2. Experiment: Magnetic Fields*
	3. Forces
	4. Quiz 1
	5. Electromagnetism
	6. Experiment: Induced Magnetic Fields*
	7. Electromagnetic Induction
	8. Quiz 2
9. Electron Beams	
10. Quiz 3	
11. Special Project*	
12. Review Game	
13. Test	
14. Alternate Test*	
15. Reference	

Unit 10: Atomic and Nuclear Physics	
Assignments	
Physics	1. Quantum Theory
	2. X-Rays, Matter Waves, and the Uncertainty Principle
	3. Quiz 1
	4. Early Atomic Models
	5. Report: Early Atomic Physics*
	6. Bohr Model
	7. Nuclear Theory
	8. Quiz 2
9. Nuclear Reactions	
10. Fusion and Applications of Nuclear Energy	
11. Quiz 3	
12. Special Project*	
13. Review Game	
14. Test	
15. Alternate Test*	
16. Reference	

Unit 11: Review	
Assignments	
Physics	1. Mechanics
	2. Dynamics
	3. Energy
	4. Quiz 1
	5. Wave Motion
	6. Light and Sound
	7. Quiz 2
	8. Electricity and Magnetism
	9. Fields and Forces
	10. Circuits
	11. Quiz 3
12. Modern Physics	
13. The Bohr Atom	
14. Duality	
15. Nuclear Energy	
16. Quiz 4	
17. Special Project*	
18. Review Game	
19. Test	
20. Alternate Test*	
21. Reference	

Physics	Unit 12: Semester Review And Exam	
	Assignments	
	1. Review	3. Alternate Exam: Form A*
	2. Exam	4. Alternate Exam: Form B*

Physics	Unit 13: Final Exam	
	Assignments	
	1. Exam	3. Alternate Exam: Form B*
	2. Alternate Exam: Form A*	

Electives

American Literature

American Literature is a five-unit elective that engages high school students in a literary conversation with some of the most colorful and influential minds in American history. Their words will give students a greater understanding of themselves, their culture, and the ideas of others. The course teaches students the various movements in American literature, starting with the roots of American literature in writings from the Puritans. The course concludes with works by Dr. Martin Luther King, Jr., and other black writers who were part of the struggle for racial freedom during the civil rights era.

By then of this course students should be able to:

- Recognize the religious beliefs of selected founding fathers, as evidenced in their writings.
- Identify the birth of a distinctively American literature.
- Recognize the impact of slavery on individuals and society.
- Understand and identify the influence of modernism upon religion and the arts.
- Recognize the dominant themes and techniques used in literature at the end of the twentieth century.

Unit 1: Early American Literature 1600-1800	
Assignments	
American Literature	1. Course Overview
	2. Introduction: The Puritans
	3. John Smith
	4. William Bradford
	5. John Winthrop
	6. Quiz 1: The Puritans
	7. The Colonists: Mary Rowlandson
	8. Anne Bradstreet
	9. Essay: Comparing Authors' Views
	10. Edward Taylor
	11. Samuel Sewall
	12. Quiz 2: The Colonists
	13. Days of Change and Revolution 1700-1800
14. Jonathan Edwards	
15. Benjamin Franklin	
16. Essay: Authors' Views of Mankind	
17. Thomas Paine	
18. Thomas Jefferson	
19. Michel-Guillaume Jean de Crevecoeur	
20. Essay: Biblical Imagery and References*	
21. Quiz 3: Days of Change and Revolution	
22. Special Project*	
23. Test: Early American Literature	
24. Alternate Test: Early American Literature*	
25. Reference	

Unit 2: The Romantic Period 1800-1855	
Assignments	
American Literature	1. A New Nation 1800-1840: Introduction
	2. Washington Irving
	3. James Fenimore Cooper
	4. William Cullen Bryant
	5. Quiz 1: A New Nation
	6. American Naissance 1840-1855: Introduction
	7. The Fireside Poets: Henry Wadsworth Longfellow
	8. The Fireside Poets: John Greenleaf Whittier
	9. The Fireside Poets: Oliver Wendell Holmes
	10. The Transcendentalists: Ralph Waldo Emerson
	11. The Transcendentalists: Henry David Thoreau
	12. The Transcendentalists: Walt Whitman
	13. Quiz 2: The Fireside Poets and Transcendentalists
	14. The Voices of Despair: Edgar Allen Poe
	15. The Voices of Despair: Nathaniel Hawthorne
	16. The Voices of Despair: Herman Melville
	17. The Voices of Despair: Emily Dickinson
	18. Project: Responding to Literature
	19. Quiz 3: The Voices of Despair
	20. Special Project*
	21. Test: The Romantic Period
	22. Alternate Test: The Romantic Period*
	23. Reference

Unit 3: War and Reconciliation 1855-1915	
Assignments	
American Literature	1. Secession and Loyalty 1855-1865: Introduction
	2. Frederick Douglass
	3. Harriet Beecher Stowe
	4. Spirituals
	5. Robert E. Lee
	6. Abraham Lincoln
	7. Quiz 1: Secession and Loyalty 1855 - 1865
	8. Realism and Naturalism 1865-1915: Introduction
	9. Samuel Langhorne Clemens (Mark Twain)
	10. William Dean Howells
	11. Henry James
	12. Quiz 2: Realism and Naturalism 1865 - 1915
	13. Naturalists, Regionalists and Realists: Stephen
	14. Crane
	15. Kate Chopin
	16. Paul Laurence Dunbar
	17. Jack London
	18. Essay: Analysis and Response
	19. Quiz 3: Naturalists, Regionalists, and Realists
	20. Special Project*
	21. Test: War and Reconciliation
	22. Alternate Test: War and Reconciliation*
	23. Reference

Unit 4: The Modern Age 1915-1946	
Assignments	
American Literature	1. The Modern Age
	2. Modern Prose: Ernest Hemingway
	3. F. Scott Fitzgerald
	4. Quiz 1: Modern Prose
	5. Modern Poetry: Ezra Pound
	6. Carl Sandburg
	7. E. E. Cummings
	8. Wallace Stevens
	9. Robert Frost
	10. W. H. Auden
	11. Project: Poetry Models
	12. Quiz 2: Modern Poetry
	13. Other Modern Age Literature: Harlem Renaissance, Langston Hughes
	14. Drama: Thornton Wilder
	15. Religious Works: J. Gresham Machen
	16. Quiz 3: Other Literature
	17. Special Project*
	18. Test: The Modern Age
	19. Alternate Test: The Modern Age*
	20. Reference

Unit 5: From Modern to Postmodern 1946-Present	
Assignments	
American Literature	1. The Birth of Postmodernism: Introduction
	2. Flannery O'Connor (1)
	3. Flannery O'Connor (2)
	4. Flannery O'Connor (3)
	5. Theodore Roethke
	6. Quiz 1: The Birth of Postmodernism
	7. More Contemporary Writers: Eudora Welty
	8. John Updike
	9. Robert Trail Spence Lowell, Jr.
	10. Quiz 2: More Contemporary Writers
	11. Social Issues: Martin Luther King, Jr.
	12. Essay: Dr. King's Literary Allusions
	13. Ralph Ellison
	14. Gwendolyn Brooks
	15. Project: Responding to Postmodernism
	16. Quiz 3: Social Issues
	17. Special Project*
	18. Test: From Modern to Postmodern
	19. Alternate Test: From Modern to Postmodern*
	20. Reference

British Literature

Beginning with works from the Middle Ages, British Literature is a five-unit course that teaches high school students about some of the greatest books of Western Civilization. Students will learn how to appreciate the English literature of the Middle Ages for its wisdom and beauty and will also gain a better understanding of the development of the English language and its literature. Course units cover one to two centuries, concluding with the writings of apologist C.S. Lewis in the 20th century.

Through this course, students will do the following:

- Gain a better understanding of the beginning and development of the English language and its literature.
- Recognize the Bible's central importance to the English Reformation.
- Appreciate the wisdom and eloquence of the authors of each period.
- Evaluate literature by comparing it to Scripture.
- Discern the causes and the consequences of "the absence of God" from modern society.
- Appreciate the influence of Christian writers in the twentieth century.

Unit 1: The Middle Ages		
Assignments		
British Literature	1. Course Overview	12. Morality Plays: Everyman
	2. Introduction	13. Sir Thomas Malory: Le Morte d' Arthur
	3. Old English Literature: Bede	14. Le Morte d' Arthur II
	4. Beowulf	15. Le Morte d' Arthur III
	5. Project: Metonymy	16. Essay: Comparing Literature to Scripture
	6. Quiz 1: Introduction and Old English Literature	17. Quiz 3: Morality Plays and Malory's Le Morte d' Arthur
	7. Middle English Literature: Chaucer	18. Special Project*
	8. The Pardoner's Tale	19. Test: The Middle Ages
	9. Piers Plowman	20. Alternate Test: The Middle Ages*
	10. Project: Illuminated Manuscripts	21. Reference
	11. Quiz 2: Middle English Literature	

Unit 2: The Sixteenth Century		
Assignments		
British Literature	1. The Renaissance and Reformation	14. The Taming of the Shrew 1
	2. The Early Renaissance: Sir Thomas More	15. The Taming of the Shrew 2
	3. Roger Ascham	16. The Taming of the Shrew 3
	4. John Foxe	17. The Taming of the Shrew 4
	5. Quiz 1: The Renaissance and Reformation	18. The Taming of the Shrew 5
	6. Renaissance Poets: Sir Thomas Wyatt the Elder	19. Project: Exploring Shakespeare
	7. Sir Philip Sidney	20. The English Bible
	8. Edmund Spenser	21. Quiz 3: Renaissance Prose and Drama
	9. Mary (Sidney) Herbert, Countess of Pembroke	22. Special Project*
	10. Essay: Comparing Literature to Scripture	23. Test: The Sixteenth Century
	11. Quiz 2: Renaissance Poets	24. Alternate Test: The Sixteenth Century*
	12. Renaissance Prose and Drama: Sir Walter Raleigh	25. Reference
	13. William Shakespeare	

Unit 3: The Seventeenth and Eighteenth Centuries		
Assignments		
British Literature	1. The Stuarts and the Puritan Revolution 1603-1660	13. John Bunyan
	2. John Donne	14. Jonathan Swift
	3. Ben Jonson	15. Alexander Pope
	4. George Herbert	16. Isaac Watts
	5. Quiz 1: The Stuarts and the Puritan Revolution	17. Project: Responding to Literature
	6. More Seventeenth Century Writers: John Milton	18. Quiz 3: The Restoration and Neoclassic Period
	7. John Owen	19. Special Project*
	8. Essay: Comparing Literature to Scripture	20. Test: The Seventeenth and Eighteenth Centuries
	9. Francis Bacon	21. Alternate Test: The Seventeenth and Eighteenth Centuries*
	10. Quiz 2: More Seventeenth Century Writers	22. Reference
	11. The Restoration and Neoclassic Period 1660-1785	
	12. John Dryden	

Unit 4: The Nineteenth Century (1798-1900)		
Assignments		
British Literature	1. The Romantic Era: Introduction	15. John Henry Cardinal Newman
	2. William Blake	16. Alfred, Lord Tennyson
	3. William Wordsworth	17. Charles Dickens
	4. Samuel Taylor Coleridge	18. Robert Browning
	5. Sir Walter Scott	19. George Eliot
	6. Quiz 1: The Romantic Era	20. Oscar Wilde
	7. The Late Romantic Era: Jane Austen	21. Lewis Carroll
	8. Charles Lamb	22. Project: Responding to Literature
	9. George Gordon, Lord Byron	23. Quiz 3: The Victorian Era
	10. Percy Bysshe Shelley	24. Special Project*
	11. John Keats	25. Test: The Nineteenth Century
	12. Quiz 2: The Late Romantic Era	26. Alternate Test: The Nineteenth Century*
	13. The Victorian Era: Introduction	27. Reference
	14. Thomas Carlyle	

Unit 5: The Twentieth Century		
Assignments		
British Literature	1. Introduction	11. Modern Fiction: Virginia Woolf
	2. Thomas Hardy	12. James Joyce
	3. Joseph Conrad	13. Aldous Leonard Huxley
	4. G. K. Chesterton	14. C. S. Lewis
	5. Quiz 1: Introduction	15. Project: Responding to Literature
	6. Modern Poetry, Drama, and Prose: William Butler Yeats	16. Quiz 3: Modern Fiction
	7. T. S. Eliot	17. Special Project*
	8. George Bernard Shaw	18. Test: The Twentieth Century
	9. Winston Churchill	19. Alternate Test: The Twentieth Century*
	10. Quiz 2: Modern Poetry, Drama, and Prose	20. Reference

Business Computer Information Systems

BCIS is a high school elective that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas:

- communication skills
- business technology
- word processing applications
- spreadsheet applications
- database applications
- telecommunications technology
- desktop publishing technology
- presentation technology
- computer networks
- computer operating systems

The course is intended to help students arrive at the following understandings:

- Effective communications skills and productive work habits can increase employees' success.
- Technology solutions can help employees be more productive and effective.

Keyboarding is a stated prerequisite for this course. While there are some keyboarding reviews in the course, there is no keyboarding instruction.

Unit 1: Communication Skills		
Assignments		
BCIS	1. Course Overview	11. Finding Reliable Internet Resources
	2. Communication Skills	12. Paraphrasing and Summarizing
	3. Electronic Communication Skills	13. Organizing Information
	4. Project: Revising E-mail	14. Quiz 3: Using Written Information
	5. Quiz 1: Overview of Effective Communication Skills	15. Report: Business Skills
	6. Workplace Skills, Habits, and Attitudes	16. Special Project*
	7. Active Listening	17. Review
	8. Constructive Feedback	18. Test
	9. Project: Employee Action Plan	19. Alternate Test*
	10. Quiz 2: Desirable Workplace Skills, Habits, and Attitudes	20. Glossary and Credits

Unit 2: Business Technology		
Assignments		
BCIS	1. Hardware versus Software	8. Report: Technology in Business
	2. Current Business Technology	9. Special Project*
	3. Quiz 1: Overview of Business Technology	10. Review
	4. Business Solutions Case Studies	11. Test
	5. Emerging Technology	12. Alternate Test*
	6. Project: Defining Technical Terms	13. Glossary and Credits
	7. Quiz 2: Business Solutions	

Unit 3: Word Processing		
Assignments		
BCIS	1. Keyboarding Pretest	13. Project: Creating a Newsletter
	2. Keyboarding Exercises	14. Research Papers
	3. Number Keypad	15. Project: Formatting a Research Paper
	4. Project: Timed Typing Tests*	16. Business Reports
	5. Quiz 1: Keyboarding Skills	17. Project: Creating a Business Report
	6. Writing and Editing a Business Document	18. Quiz 2: Creating Business Documents
	7. Project: Creating a Memo	19. Special Project*
	8. Business Letters	20. Review
	9. Project: Creating a Business Letter	21. Test
	10. Resumes	22. Alternate Test*
	11. Project: Creating a Resume	23. Glossary and Credits
	12. Brochures and Newsletters	

Unit 4: Spreadsheets		
Assignments		
BCIS	1. Entering Data	12. Project: Estimating Income Taxes
	2. Formatting	13. Creating Graphs
	3. Editing Data	14. Project: Business Spreadsheets
	4. Shortcuts	15. Project: Balance Sheets and Profit-and-Loss Statements
	5. Quiz 1: Spreadsheet Basics	16. Quiz 3: Spreadsheet Applications
	6. Formulas	17. Special Project*
	7. Project: Using Simple Formulas	18. Review
	8. Advanced Formulas	19. Test
	9. Project: Using Advanced Formulas	20. Alternate Test*
	10. Quiz 2: Spreadsheet Formulas	21. Glossary and Credits
	11. Project: Creating a Personal Budget	

Unit 5: Databases		
Assignments		
BCIS	1. Comparing Databases and Spreadsheets	10. Project: Using a Database to Create a Business Report*
	2. Understanding Database Terms	11. Quiz 2: Database Features
	3. Project: Creating a Database	12. Special Project*
	4. Working with Data and Records	13. Review
	5. Quiz 1: Database Basics	14. Test
	6. Using Databases to Search and Query	15. Alternate Test*
	7. Project: Working with Queries	16. Glossary and Credits
	8. Project: Using a Database to Generate Mailings*	
	9. Importing and Exporting Data	

Unit 6: Semester Review and Exam		
Assignments		
BCIS	1. Review	3. Alternate Exam*
	2. Exam	

Unit 7: Telecommunications Technology	
Assignments	
BCIS	1. The Parts and the Pieces
	2. Case Studies
	3. Quiz 1: The Telecommunications Industry - An Overview
	4. E-Mail
	5. Beyond E-Mail
	6. Evaluating Telecommunication Technologies
	7. Project: Analyze It
	8. Quiz 2: Using and Choosing Telecommunication Technology
9. E-Mail Ethics and Work Habits	
10. Netiquette	
11. Quiz 3: Doing It Right	
12. Special Project*	
13. Review	
14. Test	
15. Alternate Test*	
16. Glossary and Credits	

Unit 8: Desktop Publishing Technology	
Assignments	
BCIS	1. What Is Desktop Publishing?
	2. Case Study: The Uses of DTP
	3. Quiz 1: Desktop Publishing - An Introduction
	4. Planning
	5. Design Considerations
	6. More Design Considerations
	7. Quiz 2: Desktop Publishing Procedures
	8. Importing Text
9. Importing Graphics	
10. Project: Creating an Instructional Manual	
11. Quiz 3: Using Desktop Publishing	
12. Special Project*	
13. Review	
14. Test	
15. Alternate Test*	
16. Glossary and Credits	

Unit 9: Presentation Technology	
Assignments	
BCIS	1. What is Presentation Technology?
	2. How Is Presentation Technology Used?
	3. Quiz 1: An Introduction to Presentation Technology
	4. Working with Text
	5. Working with Graphics
	6. Working with Special Effects
	7. Quiz 2: Presentation Guidelines
	8. Content
	9. Layout
10. Putting It All Together	
11. Quiz 3: Presentation Planning	
12. Project: Creating a Presentation	
13. Special Project*	
14. Review	
15. Test	
16. Alternate Test*	
17. Glossary and Credits	

Unit 10: Computer Networks	
Assignments	
BCIS	1. Why Use a Network?
	2. How Do Networks Work?
	3. Quiz 1: An Introduction to Networking
	4. Network Architecture
	5. Network Areas
	6. Network Models
	7. Hardware and Software
	8. Quiz 2: Networking Basics
	9. Needs Assessment
10. Designing Your Network	
11. Quiz 3: Choosing a Network	
12. Project: Networking Interview	
13. Special Project*	
14. Review	
15. Test	
16. Alternate Test*	
17. Glossary and Credits	

Unit 11: Computer Operating Systems	
Assignments	
BCIS	1. What is an Operating System?
	2. Utilities
	3. Quiz 1: An Introduction to Operating Systems
	4. Mac
	5. Windows
	6. Linux
	7. Quiz 2: Types of Operating Systems
	8. Getting Started - Exploring the Desktop
	9. Using the Interface
	10. Programs and Files
	11. Quiz 3: Using the Operating System
	12. Project: Customize Your Desktop
	13. Special Project*
	14. Review
	15. Test
	16. Alternate Test*
	17. Glossary and Credits

Unit 12: Semester Review and Exam	
Assignments	
BCIS	1. Review
	2. Exam
	3. Alternate Exam*

Civics

In this five-section elective, high-school students will learn about the rights and responsibilities of being an American citizen. By studying different forms of government, students will investigate what motivated America's founding fathers as they drafted the U.S. Constitution. Students will also learn about the branches of the U.S. government as laid out in the Constitution and about the structure of state and local governments. In each unit, students will complete an in-depth project related to that unit's topic.

Through this course, students will do the following:

- Understand the definition of government and explain its role in the life of the citizen.
- Explore why politics takes place any time a group of individuals is gathered together.
- Understand the differences and relationships between civic life, political life, and private life.
- Analyze the influence of the federal government on the American economy.
- Analyze the elements of America's market economy in a global setting.

Unit 1: A New Nation		
Assignments		
Civics	1. Course Overview	16. Civil Society and Government
	2. The Distinctions Among Civic, Political, and Private Life	17. Relationship of Limited Government to Political and Economic Freedom
	3. The Necessity of Politics and Government	18. Liberalism, Republicanism, and American Constitutional Republic
	4. The Purpose of Politics and Government	19. Project: Conflict of Interest
	5. Quiz 1	20. Quiz 3
	6. Why Independence	21. Unitary, Confederal, or Federal?
	7. Natural Rights	22. Nature of Representation
	8. Given Rights	23. Fundamental Values and Principles
	9. The Role of Religion	24. The Great Compromise
	10. The Protestant Reformation	25. Quiz 4
	11. Babylonian Monarchy, Greek Democracy, Roman Republic	26. Special Project*
	12. Quiz 2	27. Test
	13. Forms of Government	28. Alternate Test*
	14. Religious and Political Freedom	29. Reference
	15. Limits in Government	

Unit 2: The Constitution		
Assignments		
Civics	1. Federalists and Anti-Federalists	10. Separation of Powers/Checks and Balances
	2. Project: Compare Bill of Rights	11. Quiz 2
	3. As Good as it Gets	12. The Ability to Change
	4. The Peaceful Transfer of Power	13. The Bill of Rights: Protection
	5. Quiz 1	14. The Bill of Rights: Interpretation
	6. Introduction to Constitutional Government	15. Quiz 3
	7. Constitutional Law in the United States Federal Government	16. Special Project*
	8. The Preamble	17. Test
	9. Project: A Limited Government	18. Alternate Test*
	19. Reference	

Unit 3: Branches of Government	
Assignments	
Civics	1. Presidential Power
	2. Electing a President
	3. Case Study: The Election of 1824
	4. The Federal Bureaucracy
	5. Project: Limits on Presidential Power
	6. Quiz 1
	7. A Two-House System
	8. Committees in Action
	9. Project: Your Home Legislators*
	10. How a Bill Becomes a Law
	11. Impeachment
12. Quiz 2	
13. Organization of the Judicial Branch	
14. The Role of the Supreme Court	
15. Judicial Activism vs. Judicial Restraint	
16. Making a More Perfect Union	
17. Quiz 3	
18. Special Project*	
19. Test	
20. Alternate Test*	
21. Reference	

Unit 4: Government by the People	
Assignments	
Civics	1. State Branches
	2. Local Government: Types and Functions
	3. Financing Government through Taxation
	4. Case Study: Integration of Schools
	5. Direct Democracy
	6. Quiz 1
	7. Why Political Parties?
	8. Parties and Primaries
	9. Politics and Media
	10. Districts, Special Interests, and Funding
	11. Public Policy and Public Agenda
	12. Project: Your Politics*
	13. Quiz 2
	14. Your Rights
	15. Project: Limits of Freedom
	16. Citizens in Action
17. Case Study: Prohibition	
18. Civic Responsibility	
19. Becoming a Citizen	
20. Quiz 3	
21. Diversity and the Character of American Society	
22. Project: Constitutional Values and Principles	
23. Voluntarism and Organized Groups	
24. American Political Conflict	
25. Conflicts of Values	
26. Disparities between Ideals and Reality	
27. Quiz 4	
28. Special Project*	
29. Test	
30. Alternate Test*	
31. Reference	

Unit 5: Relationship to the World	
Assignments	
Civics	1. Government and Economics
	2. Project: Economics of a New Business
	3. International Economics
	4. Case Study: The Middle East
	5. Project: Environmental Politics
	6. Quiz 1
	7. Types of Economic Systems
	8. Communism
	9. Fascism
	10. Project: The Jewish Holocaust
	11. American Capitalism
	12. Personal, Political, and Economic Rights
	13. Geography, Politics, and Economics of Governments
	14. Project: New Governments
15. Quiz 2	
16. Economic and Humanitarian Concerns	
17. Political Concerns	
18. Historical Context of Foreign Policy	
19. Making and Implementing Foreign Policy	
20. Means and Ends of Foreign Policy	
21. Impact of Democracy and Individual Rights on the World	
22. International Organizations	
23. Quiz 3	
24. Special Project*	
25. Test	
26. Alternate Test*	
27. Reference	

Civil War

You are about to embark on the fascinating history of the Civil War. It is a story of human choices that linked the past to the present and influenced the future. It is a drama of how one nation changed through times of conflict and cooperation. It is a tale of two children (the North and South) living under the same roof (The United States) and how they disagreed over the issues of states' rights and slavery.

Students will also gain practice in research, using technology, and writing through various projects. In addition to the default course program, Civil War Elective includes alternate projects, essays, and tests for use in enhancing instruction or addressing individual needs.

- **Unit 1:** Students will compare and contrast the characteristics of the North and South, the development of slavery in the South, and the events that started the Civil War.
- **Unit 2:** Students will examine the war strategies, battles, and majors events of the Civil War.
- **Unit 3:** Students will explore many aspects of the war including: the presidencies of Lincoln and Davis, the generals, turning points, role of women and African Americans, and the effects of the war on the U.S.
- **Unit 4:** Students will gain knowledge about the later years of the war including: Grant's war of attrition, Sherman's advances in the South, the life of a soldier, prisoners of war, and the last few months of Lincoln's life.
- **Unit 5:** Students will describe the events that led to the end of the Civil War, examine the plans for Reconstruction, and identify three amendments that passed during this time.

Unit 1: The Pre-War Years	
Assignments	
Civil War	1. Course Overview
	2. Development of Two Cultures - Part 1
	3. Development of Two Cultures - Part 2
	4. Life of a Slave
	5. Project: The Art of Compromise
	6. Quiz 1: Two Cultures in Conflict
	7. Political Compromises
	8. Kansas-Nebraska Act
	9. The Kansas Issue
	10. Quiz 2: Compromise
	11. Abolition and John Brown
	12. Causes of Secession
	13. Storm over Sumter
	14. Project: Comparing Wars
	15. Quiz 3: Point of No Return
	16. Special Project*
	17. Review
	18. Test
	19. Alternate Test*
	20. Glossary and Credits

Unit 2: The Early Years		
Assignments		
Civil War	1. Why Fight?	11. Fredericksburg
	2. The Anaconda Plan	12. Emancipation Proclamation
	3. First Battle of Bull Run	13. Chancellorsville
	4. Project: Anti-War Editorial	14. Quiz 3: Freedom in Turmoil
	5. Quiz 1: The War Begins	15. Project: Emancipation Proclamation Discussion
	6. Battle of Shiloh	16. Special Project*
	7. The Summer of '62	17. Review
	8. The War in the West	18. Test
	9. Quiz 2: The South Takes Control	19. Alternate Test*
	10. The Lost Orders	20. Glossary and Credits

Unit 3: Turning Point		
Assignments		
Civil War	1. Leadership of Two Presidents	12. Quiz 2: A Nation Suffers
	2. Gettysburg	13. Grierson's Raid
	3. Pickett's Charge	14. Siege of Vicksburg
	4. The Gettysburg Address	15. Lee and Grant
	5. Project: Two Presidents	16. Quiz 3: Control of the West
	6. Quiz 1: The Turning Point	17. Special Project*
	7. Turmoil on the Home Front	18. Review
	8. Women Make a Difference	19. Test
	9. Effects of War	20. Alternate Test*
	10. African Americans in the Military	21. Glossary and Credits
	11. Project: Effects of War	

Unit 4: War in the South		
Assignments		
Civil War	1. Leadership of Two Presidents	12. Quiz 2: A Nation Suffers
	2. Gettysburg	13. Grierson's Raid
	3. Pickett's Charge	14. Siege of Vicksburg
	4. The Gettysburg Address	15. Lee and Grant
	5. Project: Two Presidents	16. Quiz 3: Control of the West
	6. Quiz 1: The Turning Point	17. Special Project*
	7. Turmoil on the Home Front	18. Review
	8. Women Make a Difference	19. Test
	9. Effects of War	20. Alternate Test*
	10. African Americans in the Military	21. Glossary and Credits
	11. Project: Effects of War	

Unit 5: Reconstruction of a Nation		
Assignments		
Civil War	1. Petersburg	10. Three New Amendments
	2. Richmond Falls	11. Life After Reconstruction
	3. Lee Surrenders	12. Project: Effects of Amendments
	4. Quiz 1: The War Ends	13. Quiz 3: American Paradigm Shift
	5. Triumph and Tragedy	14. Special Project*
	6. Reconstruction of a Nation	15. Review
	7. Reconstruction Begins	16. Test
	8. Project: History of Impeachment	17. Alternate Test*
	9. Quiz 2: Triumph and Tragedy	18. Glossary and Credits

Unit 6: Course Review and Exam		
Assignments		
Civil War	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

College Planner

College Planner is a one-semester high-school elective, with the following goals:

- guiding students in the entire college process
- planning for college
- selecting the right school
- the application process
- financial aid
- guiding students who may not be headed to college

The program focuses on the decision-making process of choosing a school, covering both the application process and financial requirements. Additionally, for those students who will not be attending college or university, the course surveys non-college options.

Upon completion of the course, students should be able to do the following:

- Articulate reasons for attending college and for choosing a specific institution over another.
- Identify the planning steps to be taken by students during each year of high school.
- Understand the basic differences between the SAT and ACT entrance exams, knowing how best to prepare for each one.
- Understand the major costs of attending college and what financial aid options are available.
- Identify post-high school options for individuals who will not be attending college.

Additionally, students will gain practice in report-writing, covering topics like God’s plan, admissions essays, college costs, and more.

Unit 1: My Educational Future	
College Planner	Assignments
	1. Course Overview
	2. Who Are You and What Do You Want?
	3. Report: God's Plan for You
	4. Common Reasons to Go to College
	5. What's God's Will for My Educational Future?
	6. Quiz 1: Education Goals
	7. Why Choose a Particular School?
	8. What Are Colleges Really Looking For?
	9. Quiz 2: Making Educational Decisions
	10. Special Project*
	11. Test
12. Reference	

Unit 2: Choosing a College	
College Planner	Assignments
	1. What Type of School is Right for Me?
	2. Freshmen/Sophomores: Planning Calendars
	3. Juniors/Seniors: Planning Calendars
	4. Quiz 1: Picking the Right School
	5. Your Ideal School: Creating Your Long List
	6. Your Ideal School: Creating Your Short List
	7. Project: Choose Your School
	8. Quiz 2: Narrowing Down the Choices
	9. Special Project*
	10. Test
11. Reference	

Unit 3: Entrance Exams and Applications		
Assignments		
College Planner	1. College Entrance Exams: The PSAT	7. Essay: Admissions Essay
	2. College Entrance Exams: The SAT Reasoning and SAT Subject Tests	8. Athletics and Fine Arts
	3. College Entrance Exams: The ACT	9. Quiz 2: The Application Process
	4. Quiz 1: Entrance Exams	10. Special Project*
	5. Applications and Recommendations	11. Test
	6. Admissions Essays	12. Reference

Unit 4: Paying for College		
Assignments		
College Planner	1. What Does College Cost?	7. A Message to Parents (and Students)
	2. Project: The Costs of College	8. Quiz 2: Financial Aid
	3. How Much Will You Be Expected to Pay?	9. Special Project*
	4. Types of Financial Aid: Grants and Loans	10. Test
	5. Quiz 1: College Costs	11. Reference
	6. Types of Financial Aid: Scholarships and More	

Unit 5: Non-College Options		
Assignments		
College Planner	1. Interviewing: Some Questions	7. Review
	2. Project: Your List of Questions*	8. Quiz 2: Other Options
	3. Mentoring	9. Special Project*
	4. Quiz 1: Getting Help with Questions	10. Test
	5. Other Options: Apprenticeship and Internship	11. Reference
	6. Other Options: Military	

Consumer Math

Consumer Math is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

Upon completion of the course, students should be able to do the following:

- Use basic math operations on fractions, decimals, and percents.
- Interpret graphs and charts.
- Understand sets and basic set theory.
- Calculate simple probabilities.
- Calculate statistical measures of variation.
- Use similarity and right triangle ratios for indirect measurement.
- Calculate taxes, discounts, and interest amounts.
- Apply math to everyday concerns, as well as to the realms of business and government.

Unit 1: Basic Math Review	
Assignments	
Consumer Math	1. Course Overview
	2. Introduction
	3. Number Skills
	4. Signed Numbers and Measurement Scales
	5. A Consumer Application
	6. Division Review
	7. Quiz 1: Basic Operations
	8. Prime Numbers and Factors
	9. Factors and Products
	10. Fractions, LCM, and GCF
	11. Fractions
	12. Quiz 2: Fractions
	13. Adding and Subtracting Fractions
	14. Multiplying and Dividing Fractions
	15. Operations with Mixed Numbers
	16. Consumer Applications
17. Quiz 3: Operations With Fractions	
18. A Ratio Scale, Decimals, and Number Bases	
19. Operations and Decimals	
20. Consumer Application, Metrics	
21. Quiz 4: Decimals	
22. Percent	
23. Base, Rate, Percentage	
24. Problem Solving	
25. Quiz 5: Percent	
26. Mental Problem Solving	
27. Final Review	
28. Special Project*	
29. Test: Basic Math Review	
30. Alternate Test: Basic Math Review*	
31. Reference	

Unit 2: Personal Finance	
Assignments	
Consumer Math	1. Money
	2. Finding a Job
	3. Job Skills: Using Standard Units
	4. Job Skills: Using Metric Units
	5. Converting Systems
	6. Quiz 1: Job Skills
	7. Part- and Full-Time Jobs
	8. Wages
	9. Payroll
	10. Payroll Deductions
	11. Other Deductions
	12. Quiz 2: Wages
	13. Self-Employment: Piecework
	14. Commission and Tips
	15. Retirement Planning
	16. Quiz 3: Other Income
	17. Story Problems with Review
	18. Special Project*
	19. Test: Personal Finance
	20. Alternate Test: Personal Finance*
	21. Reference

Unit 3: Statistics	
Assignments	
Consumer Math	1. Home Budget
	2. Organizing Data
	3. Sets and Probability (I)
	4. Sets and Probability (II)
	5. Representing Data
	6. Quiz 1: Data
	7. Preparing a Cash Budget
	8. Using Records in Planning
	9. A Home Business Application
	10. Quiz 2: Records
	11. Planning with Measures of Variations
	12. Project: Using Statistics*
	13. Using the Standard Normal Distribution
	14. Z-Scores and the Normal Distribution
	15. Quiz 3: Measures of Variation
	16. Sampling and Estimation
	17. A Balance Sheet
	18. Quiz 4: Balance Sheet
	19. Confidence Intervals
	20. Unit Review
	21. Special Project*
	22. Test: Statistics
	23. Alternate Test: Statistics*
	24. Reference

Unit 4: Taxes and Insurance	
Assignments	
Consumer Math	1. Life Insurance
	2. Premiums
	3. Loans and Cash Value
	4. Health Insurance
	5. Project: Insurance*
	6. Other Insurance
	7. Quiz 1: Insurance
	8. Taxes: Federal 1040
	9. Taxes: FICA
	10. Taxes: State
	11. Quiz 2: Withholding
	12. Taxes: Local
	13. Taxes: Other
	14. Quiz 3: Taxes
	15. Review
	16. Special Project*
	17. Test: Taxes and Insurance
	18. Alternate Test: Taxes and Insurance*
	19. Reference

Unit 5: Banking Services and Investments		
Assignments		
Consumer Math	1. Selecting a Bank	13. Mutual Funds
	2. Checking Accounts	14. Quiz 3: Investments
	3. Savings Accounts	15. Wills and Estates
	4. Quiz 1: Accounts	16. Project: Wills*
	5. Reconciling Statements	17. Distributing an Estate
	6. ATM'S	18. Quiz 4: Estate Planning
	7. Simple and Compound Interest	19. Review
	8. Other Services	20. Special Project*
	9. Quiz 2: Services	21. Test: Banking Services and Investments
	10. Financial Planning	22. Alternate Test: Banking Services and Investments*
	11. Stocks	23. Reference
	12. Bonds	

Unit 6: Banking and Credit Costs		
Assignments		
Consumer Math	1. Overdraft Protection	10. Sequences, The Rule of 78
	2. Financing Large Purchases	11. Credit
	3. Interest First Loans	12. Credit Card Purchases
	4. Installment Loans	13. Quiz 3: Credit
	5. Quiz 1: Loans	14. Review
	6. The Annual Percentage Rate	15. Special Project*
	7. Automobile Loans	16. Test: Banking and Credit Costs
	8. Mortgages	17. Alternate Test: Banking and Credit Costs*
	9. Quiz 2: Mortgages	18. Reference

Unit 7: Purchase and Sale of Goods		
Assignments		
Consumer Math	1. Purchasing and Variables	14. Quiz 3: Graphing and Comparing
	2. Discounts	15. Tabular Data Interpretation
	3. More Discounts	16. Depreciation Trends
	4. Markup	17. Buy, Lease, Rent (I)
	5. Quiz 1: Discounts and Markup	18. Buy, Lease, Rent (II)
	6. Graphs and Trends	19. Advertisements
	7. Cost Per Unit	20. Quiz 4: Interpreting Data
	8. Project: Buying Equipment*	21. Review
	9. Tables As Variables	22. Special Project*
	10. Quiz 2: Graphs and Tables	23. Test: Purchase and Sale of Goods
	11. Graphs, Functions, Slope	24. Alternate Test: Purchase and Sale of Goods*
	12. Project: Data Summaries*	25. Reference
	13. A Comparison Technique	

Unit 8: Leisure, Travel, and Retirement		
Assignments		
Consumer Math	1. Leisure	11. Retirement Planning
	2. Free Activities	12. Comparing Travel Cost Benefits
	3. Hobbies	13. Project: Constructions*
	4. Angles	14. Quiz 3: Retirement and Comparing
	5. Outdoor Activities	15. Review
	6. Transportation and Travel	16. Special Project*
	7. Quiz 1: Leisure and Travel	17. Test: Leisure, Travel, and Retirement
	8. Physical Fitness	18. Alternate Test: Leisure, Travel, and Retirement*
	9. Vacations	19. Reference
	10. Quiz 2: Fitness and Vacations	

Unit 9: Job Related Services		
Assignments		
Consumer Math	1. Ratio and Proportion	13. Solid Figures with Curved Boundaries
	2. Food Services	14. Mixture Problems
	3. Personal Appearance Services	15. Architects and Interior Design
	4. Pricing of Services	16. Quiz 3: Area and Volume
	5. Perimeter and Area	17. Geometry and Indirect Measure
	6. Quiz 1: Ratio, Proportion, and Formulas	18. Consumer Applications
	7. Facility Capacity Estimation	19. Quiz 4: Application Problems
	8. Applications	20. Review
	9. Circles	21. Special Project*
	10. Area Applications	22. Test: Job Related Services
	11. Quiz 2: Area	23. Alternate Test: Job Related Services*
	12. Solid Figures with Plane Boundaries	24. Reference

Unit 10: Consumer Math Review		
Assignments		
Consumer Math	1. Review: Basic Math (I)	16. Quiz 3: Banking, Credit
	2. Review: Basic Math (II)	17. Review: Purchase and Sale of Goods (I)
	3. Review: Measurement	18. Review: Purchase and Sale of Goods (II)
	4. Review: Personal Finance (I)	19. Review: Travel
	5. Review: Personal Finance (II)	20. Quiz 4: Purchases, Sales, Travel
	6. Quiz 1: Basic Math, Measurement, Finances	21. Review: Leisure and Retirement
	7. Review: Budgeting (I)	22. Review: Geometry
	8. Review: Budgeting (II)	23. Review: Job Related Services
	9. Review: Insurance	24. Quiz 5: Leisure, Geometry, Services
	10. Review: Taxes	25. Extra Practice
	11. Quiz 2: Budgeting, Insurance, Taxes	26. Final Review
	12. Review: Banking and Investment (I)	27. Special Project*
	13. Review: Banking and Investment (II)	28. Test: Consumer Math Review
	14. Review: Banking and Credit Costs (I)	29. Alternate Test: Consumer Math Review*
	15. Review: Banking and Credit Costs (II)	30. Reference

Digital Arts

Digital Arts is a semester-long elective designed to provide computer science students with an introduction to visualization-graphics programming on computers. To equip students for today's digitally driven lifestyle, this course focuses on using a digital camera and the practical application of digital imaging and editing programs. Additionally, students will work with audio-editing programs, and will also examine 3D technology and cinematography.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Unit 1: Digital Arts	
Assignments	
Digital Arts	1. Course Overview
	2. Introduction to Digital Arts
	3. Project: Introduction to Digital Arts
	4. Why Do We Study Digital Art?
	5. Digital Art as Mass Communication
	6. Project: Digital Art as Mass Communication
	7. Citizen Media
	8. Project: Citizen Media
	9. What is Digital Photography?
	10. Project: What is Digital Photography?
	11. How the Digital Camera Works
	12. Project: How the Digital Camera Works
	13. Shooting Technique
	14. Project: Shooting Technique
	15. Types of Photography
	16. Digital Image Editing
	17. Digital Image Editing Software
	18. Photoshop Express
	19. Project: Photoshop Express
	20. Show and Tell
	21. Project: Show and Tell
	22. Audio Recording and Playback
	23. Analog vs. Digital Audio
	24. Digital Audio Editing
	25. Project: Digital Audio Editing
	26. 2D Animation
	27. 3D Animation
28. Project: 3D Animation	
29. 3D Animation - More Than Entertainment	
30. Digital SFX for Film and Video	
31. Project: Digital SFX for Film and Video	
32. Digital Video Revolution	
33. Project: Digital Video Revolution	
34. Digital Cinematography	
35. Post Production	
36. What's Next?	
37. Project: What's Next?	
38. Web Basics	
39. Introduction to Web Design	
40. Storyboarding	
41. Project: Introduction to Web Design	
42. Websites - Mixing Light Entertainment with Income Generation	
43. Project: Websites - Mixing Light Entertainment with Income Generation	
44. Digital Gaming - A Brief History	
45. Gaming Today	
46. Virtual Reality - Practical Applications	
47. Virtual Reality - Cutting Edge	
48. Project: Virtual Reality - Cutting Edge	
49. The Future of Digital Arts	
50. Project: The Future of Digital Arts	
51. Glossary and Credits	

Earth Science

Earth Science is a high school science course that explores Earth’s structure, interacting systems, and place in the universe. The course uncovers concepts and processes found in:

- astronomy – Earth’s place in and interaction with space,
- geology – physical structure and dynamic processes,
- meteorology – atmosphere, weather and climate, and
- oceanography – oceans and marine life.

Students will have the opportunity to evaluate and explore many scientific concepts by participating in interactive lab sessions, conducting hands-on activities, and completing projects designed to improve the understanding of Earth and its dynamic functions.

- **Dynamic Structure of Earth:** Students will explore the changes and cycles constantly affecting the Earth.
- **Forces and Features of Earth:** Students will learn about the forces at work on the Earth, such as earthquakes and volcanoes and how to use maps.
- **Features of Earth’s Crust:** Students will learn about rocks, minerals and other resources.
- **Shaping Earth’s Crust:** Students will explore the forces that shape the Earth’s crust, such as weathering and erosion, and other constructive and destructive forces.
- **Earth’s Water:** Students will explore the water cycle and the different bodies of water on the Earth.
- **Earth’s Atmosphere:** Students will explore the make-up of the Earth’s atmosphere and the impact of humans on the atmosphere.
- **Earth’s Weather and Climate:** Students will explore weather and climate and how to measure and predict weather.
- **Astronomy:** Students will explore the solar system and other celestial bodies in the universe.

Unit 1: Dynamic Structure of Earth		
Assignments		
Earth Science	1. Course Overview	14. Quiz 2: Earth’s Dynamic Internal Structure
	2. Introduction to Earth Science	15. The Spheres of Earth
	3. Project: Research a Career	16. Project: Sphere Interaction Lab
	4. A Unique Planet	17. Geochemical Cycles: Cycles of Earth Materials
	5. Project: Earth Comparisons	18. Biogeochemical Cycles: Cycles of Life Materials
	6. Quiz 1: Introduction to Earth Science	19. Flow of Energy in Ecosystems
	7. Layers of the Earth	20. Project: Flow of Energy
	8. Project: Building a Model of the Earth	21. Quiz 3: Earth’s Dynamic External Structure
	9. Continental Drift	22. Special Project*
	10. Plate Tectonics	23. Review
	11. Project: Mantle Convection	24. Test
	12. Plate Boundaries	25. Alternate Test*
	13. Project: Plate Boundaries	26. Glossary and Credits
Unit 2: Forces and Features of Earth		
Assignments		
Earth Science	1. Force of Earthquakes	12. Using Geologic Maps
	2. Measuring The Force of Earthquakes	13. Using Topographic Maps
	3. Features of Earthquakes	14. Project: Mapping
	4. Project: Earthquake Features Lab	15. Project: Create a Topographic Map*

Earth Science	5. Quiz 1: Earthquakes	16. Quiz 3: Identifying Features of Earth
	6. Force of Volcanoes	17. Special Project*
	7. Impact of Volcanoes	18. Review
	8. Prediction of Volcanoes	19. Test
	9. Features of Volcanoes	20. Alternate Test*
	10. Project: Volcanic Features Lab	21. Glossary and Credits
	11. Quiz 2: Volcanoes	

Unit 3: Features of Earth's Crust		
Assignments		
Earth Science	1. Minerals	11. Quiz 2
	2. Project: Crystal Systems	12. Renewable Resources
	3. Mineral Identification	13. Nonrenewable Resources
	4. Project: Identifying a Mineral	14. Project: Nuclear Energy
	5. Quiz 1	15. Quiz 3
	6. Igneous Rocks	16. Special Project*
	7. Sedimentary Rocks	17. Review
	8. Metamorphic Rocks	18. Test
	9. The Rock Cycle	19. Alternate Test*
	10. Project: Identifying a Rock	20. Glossary and Credits

Unit 4: Shaping Earth's Crust		
Assignments		
Earth Science	1. Weathering	10. Quiz 2: Weathering and Erosion
	2. Erosion	11. Destructive Forces
	3. Soil Formation	12. Constructive Forces
	4. Project: Soil Particles	13. Quiz 3: Destructive and Constructive Forces
	5. Quiz 1: Shaping the Surface	14. Special Project*
	6. Rivers and Waves	15. Review
	7. Gravity and Glaciers	16. Test
	8. Project: Ice Erosion	17. Alternate Test*
	9. Wind	18. Glossary and Credits

Unit 5: Semester Review and Exam		
Assignments		
Earth Science	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

Unit 6: Earth's Water		
Assignments		
Earth Science	1. The Water Cycle	12. Ocean Water
	2. Project: Water Purification	13. Experiment: Fresh Water vs. Saltwater
	3. Water Basics	14. Waves and Tides
	4. Water Distribution	15. Currents
	5. Project: Water Conservation	16. Quiz 3
	6. Quiz 1	17. Special Project*
	7. Groundwater	18. Review
	8. Experiment: Porosity and Permeability	19. Test
	9. Lakes and Rivers	20. Alternate Test*
	10. Glaciers and Ice Caps	21. Glossary and Credits
	11. Quiz 2	

Unit 7: Earth's Atmosphere		
Assignments		
Earth Science	1. Importance of the Atmosphere	11. Alternate Project: Barometers*
	2. Structure of the Atmosphere	12. Quiz 2: Earth-Sun Relationships
	3. Project: Layers of the Atmosphere	13. Air Pollution
	4. Quiz 1: The Atmosphere	14. Project: Greenhouse Effect
	5. Atmospheric Cycles	15. Quiz 3: Human Relationship
	6. Solar Interaction	16. Special Project*
	7. Project: Solar Energy	17. Review
	8. Alternate Project: Temperature*	18. Test
	9. Air Pressure and Winds	19. Alternate Test*
	10. Project: Air Circulation	20. Glossary and Credits

Unit 8: Earth's Weather and Climate		
Assignments		
Earth Science	1. Weather and Climate	12. Project: Research Your Climate
	2. Project: Weather or Climate?	13. Quiz 2: Causes of Weather and Climate
	3. Clouds and Precipitation	14. Weird Weather
	4. Project: Clouds and Weather	15. Measuring Weather
	5. Project: Clouds and Rain*	16. Project: Predict the Weather
	6. Air Masses and Fronts	17. Quiz 3: Predicting Weather
	7. Quiz 1: Weather Factors of the Sky	18. Special Project*
	8. Solar Power	19. Review
	9. Project: Control the Weather*	20. Test
	10. Geographical Effects	21. Alternate Test*
	11. Climate Regulation and Change	22. Glossary and Credits

Unit 9: Astronomy	
Assignments	
Earth Science	1. Earth's Place in the Solar System
	2. Project: Scale of the Solar System
	3. Planetary Motion
	4. Ability to Orbit
	5. Project: Newton's Law
	6. Earth's Motion, Seasons, and Moon
	7. Quiz 1: Solar System
	8. Characteristics of Stars
	9. Structure of the Sun
10. Galaxies	
11. Project: Identifying Galaxies	
12. Quiz 2: Stars and Galaxies	
13. Special Project*	
14. Review	
15. Test	
16. Alternate Test*	
17. Glossary and Credits	

Unit 10: Semester Review and Exam	
Assignments	
Earth Science	1. Review (1)
	2. Review (2)
	3. Exam
	4. Alternate Exam*

Essentials of Business

This semester-long course is an introduction to the goals, processes, and operations of business enterprises for students. The main focus is on the functions that a company – whether a multinational corporation or a corner grocery store – must manage effectively to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of the course, students should be able to do the following:

- Apply business concepts to their lives
- Compare and contrast market economies with controlled economy
- Describe the six areas of human resource management
- List and define the legal forms of business ownership
- Name and describe the components of successful business communication
- Analyze ways in which technology is changing business operations

Unit 1: Essentials of Business	
Assignments	
Essentials of Business	1. Course Overview
	2. Principles of Training
	3. Your Role in Business
	4. Project: Your Role in the Business
	5. Business Career Choices
	6. Project: Business Career Choices
	7. Selling Yourself
	8. Project: Selling Yourself
	9. Market-Based Economy
	10. Business Economics Wants vs. Needs
	11. Unlimited Wants vs. Limited Resources
	12. Project: Unlimited Wants vs Limited Resources
	13. Human Resources
	14. Marketing and Advertising
	15. Project: Marketing and Advertising
	16. Sales Techniques and Careers
	17. Project: Sales Techniques and Careers
	18. Business Structures
	19. Management
	20. Finance Options, Credit Use, and Banking
	21. Project: Finance Options, Credit Use, and Banking
	22. Recordkeeping Money and Asset Management
23. Consumer Rights	
24. Project: Consumer Rights	
25. Business Leadership Skills	
26. Project: Business Leadership Skills	
27. Group Dynamics in the Business Setting	
28. Team-Building Skills in Business	
29. Business Ethics	
30. Project: Business Ethics	
31. Business Etiquette	
32. Methods of Business Communication	
33. Verbal and Nonverbal Business Communication	
34. Business Letters and Memos	
35. Project: Business Letters and Memos	
36. Business Presentations and Delivery	
37. Business Technology	
38. Use of Technology in Business	
39. Project: Use of Technology in Business	
40. Channels of Business Communication	
41. Role of Future Business Leaders of America	
42. Project: Role of Future Business Leaders of America	
43. Glossary and Credits	

Essentials of Communication

Essentials of Communication: A Guide to Interacting Effectively in Today's World™ is a five-unit elective course for high school students. The materials cover fundamentals of the communication process important for successful interaction in a variety of social and professional settings. Students can use the course to gain and apply knowledge about communication theories, characteristics of language and language use, interpersonal relationships, group dynamics, and public speaking in order to interact more effectively with others.

The course seeks to help students expand their knowledge and skills as communicators so that they may achieve the following goals:

- Know and understand aspects of communication theories and processes appropriate to both social and professional settings.
- Use interpersonal communication strategies appropriately in social and professional settings.
- Effectively communicate in social and professional group settings.
- Plan, prepare, deliver, and evaluate formal and informal personal and professional presentations.

In attaining these goals, students will be better equipped to use communication to hone other life skills, including exchanging information, fulfilling social obligations, developing relationships, and understanding and meeting the needs of others.

Unit 1: Communication Foundations	
Assignments	
Essentials of Communication	1. Course Overview
	2. Introduction to Communication
	3. Types of Communication
	4. Project: Communication Log
	5. The Importance of Communication
	6. Project: Reflection*
	7. Becoming a Competent Communicator
	8. Project: Evaluating Communication Competence
	9. Project: Ethical Principles of Communication*
	10. Quiz 1: Discovering the Foundations of Effective Communication
	11. Introduction to Perception
	12. Project: Three Stages of Perception*
	13. Influences on Perception
	14. Project: Overcoming Perception Influences*
15. Perception and Communication Competence	
16. Project: Perception Checking	
17. Quiz 2: Perception and Communication	
18. Self and Communication	
19. Project: Looking Inward*	
20. Self-Concept and Competent Communication	
21. Project: Changing Your Self-Concept*	
22. Self-Disclosure	
23. Quiz 3: Self and Communication	
24. Special Project*	
25. Review	
26. Test	
27. Alternate Test*	
28. Glossary and Credits	

Unit 2: Language Characteristics		
Assignments		
Essentials of Communication	1. The Nature of Language	14. Quiz 2: Nonverbal Communication
	2. Language in Social Settings	15. The Listening Process
	3. Project: Recognizing In-Language*	16. Listening Styles
	4. The Functions of Language	17. Project: Using Listening Styles
	5. Project: Using Responsible Language	18. Listening Barriers
	6. Quiz 1: Language	19. Project: Listening Strategies
	7. Nonverbal Communication	20. Quiz 3: Listening
	8. Project: Recognizing Nonverbal Behavior	21. Special Project*
	9. The Functions of Nonverbal Communication	22. Review
	10. Types of Nonverbal Communication	23. Test
	11. Project: Ethics and Impressions	24. Alternate Test*
	12. Competent Nonverbal Communication	25. Glossary and Credits
	13. Project: Observing Nonverbal Communication	

Unit 3: Interpersonal Relationships		
Assignments		
Essentials of Communication	1. Types of Interpersonal Relationships	15. E-mail Etiquette
	2. Relationship Stages	16. Criticism
	3. Project: Applying Knapp's Relational Model	17. Project: Expressing Yourself Politely*
	4. Fluctuations in Relationship Development	18. Quiz 3: Etiquette for Interpersonal Communication
	5. Quiz 1: Interpersonal Relationships	19. Interviewing
	6. Conversation	20. Preparing for an Interview
	7. Project: Are You a Good Conversationalist?*	21. Project: Preparing for a Job Interview*
	8. Conversation Management	22. Quiz 4: Interviewing
	9. Project: Practicing Cues	23. Special Project*
	10. The Basics of Conversational Competence	24. Review
	11. Quiz 2: Interpersonal Communication: Conversation	25. Test
	12. Etiquette for Introductions	26. Alternate Test*
	13. Project: Introductions	27. Glossary and Credits
	14. Telephone Etiquette	

Unit 4: Understanding Groups		
Assignments		
Essentials of Communication	1. The Small Group	11. Project: Identifying Leadership Styles
	2. Small Group Types and Formats	12. Leadership Functions
	3. Project: Brainstorming	13. Project: Evaluating Group Effectiveness
	4. Organizations	14. Quiz 3: Group Leadership and Evaluation
	5. Quiz 1: Group Communication	15. Special Project*
	6. Factors Affecting Group Dynamics	16. Review
	7. Individual Competence in Groups	17. Test
	8. Problem Solving in Groups	18. Alternate Test*
	9. Quiz 2: Group Dynamics	19. Glossary and Credits
	10. Leadership Styles	

Unit 5: Presenting and Interpreting Public Messages		
Assignments		
Essentials of Communication	1. Determining the Purpose and Choosing a Topic	17. Preparing Your Notes and Cues
	2. Project: Defining Topic and Purpose	18. Project: Developing Speaking Notes
	3. Project: Developing a Thesis Statement	19. Quiz 3: Organizing Speeches
	4. Defining Your Audience	20. Preparing to Deliver a Speech
	5. Project: Defining Your Audience	21. Project: Rehearsing Your Speech
	6. Project: Developing a Preliminary Outline	22. Dealing with Apprehension
	7. Quiz 1: Preparing Speeches	23. Delivering Group Presentations and Evaluating Speeches
	8. Research	24. Project: Delivering and Evaluating Your Speech
	9. Project: Conducting Research	25. Quiz 4: Delivering and Evaluating Speeches
	10. Supporting Materials	26. Special Project*
	11. Presenting the Topic Visually	27. Review
	12. Project: Revising and Expanding the Outline	28. Test
	13. Quiz 2: Supporting Speeches	29. Alternate Test*
	14. Selecting an Organizational Pattern	30. Glossary and Credits
	15. Outlining a Speech	
	16. Project: Developing Your Outline	

Unit 6: Course Review and Exam		
Assignments		
EOC	1. Review	3. Alternate Exam*
	2. Exam	

Family and Consumer Science

Family and Consumer Science is a 10-unit elective that uses biblical principles to help high school students develop positive self-esteem and learn to successfully navigate relationships with family, friends, co-workers, and even those in the marketplace. The curriculum introduces students to character and appearance from a biblical perspective. The material also teaches about nutrition, clothing styles, home care and hospitality, personal finance, and child development and care.

Through this course, students will do the following:

- Examine specific principles that will help develop their personal lives from a Christian perspective.
- Learn about proper nutrition and demonstrate skill in preparing various food items.
- Identify the purposes for making specific choices in clothes.
- Prepare weekly and monthly budgets.
- Develop skills necessary to care for children ranging from birth to young school-age.
- Develop an understanding of relational dynamics with family members, friends, classmates, co-workers, and those encountered in the marketplace.

Unit 1: Christian Character and Appearance	
Family and Consumer Science	Assignments
	1. Course Overview
	2. Inner Beauty: Character Qualities
	3. Biblical Principles vs. Personal Preferences
	4. Personality Strengths and Weaknesses
	5. Project: Identify Your Strengths and Weaknesses
	6. Quiz 1
	7. Physical Beauty: Health
	8. Project: Self-Evaluation Quiz
	9. Nutrition and Exercise
10. Hygiene	
11. Grooming	
12. Project: Posture	
13. Quiz 2	
14. Behavioral Beauty: Actions	
15. Communication	
16. Quiz 3	
17. Special Project*	
18. Test	
19. Alternate Test*	
20. Reference	

Unit 2: What's Cookin'?	
Family and Consumer Science	Assignments
	1. Getting Acquainted with the Kitchen
	2. Utensils
	3. Project: Kitchen Tools*
	4. Kitchen Safety
	5. Quiz 1
	6. Recipes
	7. Measuring Ingredients
	8. Quiz 2
	9. Meal Management
10. Reading Labels	
11. Food Storage	
12. Quiz 3	
13. Special Project*	
14. Test	
15. Alternate Test*	
16. Reference	

Unit 3: Let's Eat	
Assignments	
Family and Consumer Science	1. Nutrition
	2. Vitamins
	3. Project: Nutrient Guide
	4. My Plate
	5. Heart Healthy Eating and Special Diets
	6. Quiz 1
	7. Food Preparation
	8. Vegetables
	9. Fruits and Milk
	10. Meat, Poultry, Fish
	11. Project: Beef or Vegetable Stew
	12. Soups, Salads, and Garnishes
	13. Project: Prepare a Salad or Soup*
	14. Baking
	15. Project: Cookies
	16. Project: Scratch Cake*
	17. Project: Bake a Pie*
18. Breads	
19. Project: Bake Bread*	
20. Quiz 2	
21. Meal Planning	
22. Project: Menu for a Week	
23. Making a Grocery List	
24. Quiz 3	
25. Food Service	
26. Table Setting	
27. Table Waiting	
28. Project: Plan Meals	
29. Quiz 4	
30. Special Project*	
31. Test	
32. Alternate Test*	
33. Reference	

Unit 4: The Clothes You Wear	
Assignments	
Family and Consumer Science	1. The Clothes You Wear
	2. Fashion Knowledge
	3. Project: Style, Fad, and Fashion
	4. Project: Draped, Tailored, Composite*
	5. Clothing Business Terms
	6. Project: Wardrobe Inventory
	7. Quiz 1
	8. Design and Appearance
	9. Garment Styles and Parts
	10. Clothes for You
	11. Project: Garment Design*
	12. Quiz 2
	13. Textiles and Fabrics
	14. Man-Made Fibers
	15. Quiz 3
	16. Care of Clothes
	17. Project: Sewing Skills*
	18. Emergency Repairs
	19. Laundering
	20. Quiz 4
	21. Special Project*
	22. Test
	23. Alternate Test*
	24. Reference

Unit 5: The Clothes You Sew		
Assignments		
Family and Consumer Science	1. Sewing Equipment	16. Quiz 2
	2. Sewing Machines	17. Selecting Pattern, Fabric, and Notions
	3. Safety	18. Project: Measuring for Fit*
	4. Project: Calamity Claire	19. The Language of Patterns
	5. Quiz 1	20. Pattern
	6. Basic Sewing	21. Quiz 3
	7. Project: Sewing Seams	22. Layout, Cutting, Marking, and Pressing
	8. Machine Stitches	23. Project: Tracing Patterns
	9. Project: Sewing Stitches by Machine	24. Project: Sewing Project
	10. Seams and Seam Finishes	25. Quiz 4
	11. Project: Sewing Curved Seams*	26. Special Project*
	12. Darts, Tucks, Pleats, Gatherings, and Facings	27. Test
	13. Project: Darts*	28. Alternate Test*
	14. Closures	29. Reference
	15. Project: Zippers	

Unit 6: Interior Decorating		
Assignments		
Family and Consumer Science	1. A Brief History of Interior Decoration	14. Wall Treatments
	2. English Design	15. Lighting
	3. Traditional American Design	16. Quiz 3
	4. Project: Time Periods	17. Visual Enrichment
	5. Quiz 1	18. Project: Model Home Field Trip*
	6. Introduction to Design and Decoration	19. Project: Design Notebook
	7. Line	20. Sewing for the Home
	8. Project: Floor Plan Measurements	21. Project: Pillow Project*
	9. Project: Furniture Placement	22. Quiz 4
	10. Project: Room Design	23. Special Project*
	11. Project: Spirit of the Room	24. Test
	12. Quiz 2	25. Alternate Test*
	13. Specific Treatments	26. Reference

Unit 7: Your Home and You		
Assignments		
Family and Consumer Science	1. Hospitality	11. Project: Cleaning Schedule
	2. Types of Entertainment	12. Basic Tools
	3. Project: Party Planning	13. Project: Home Repair
	4. Overnight Guests	14. Auto Care and Repair
	5. Project: Thank You Notes	15. Project: Auto Service Check*
	6. Quiz 1	16. Quiz 3
	7. Etiquette	17. Special Project*
	8. Dating Etiquette	18. Test
	9. Quiz 2	19. Alternate Test*
	10. Home Management	20. Reference

Unit 8: Financial Freedom		
Assignments		
Family and Consumer Science	1. Getting a Job	11. Project: Purchase Agreements
	2. Project: Application	12. Insurance and Income Tax
	3. The Résumé	13. Quiz 2
	4. Quiz 1	14. Legal Matters, Forms, and Contracts
	5. Personal Finance	15. Purchasing and Owning a Car
	6. Personal Banking and Investment	16. Quiz 3
	7. Personal Budgeting	17. Special Project*
	8. Project: Financial Goals	18. Test
	9. Project: Spending Patterns	19. Alternate Test*
	10. Social Security	20. Reference

Unit 9: Child Development and Care		
Assignments		
Family and Consumer Science	1. Ages and Stages	15. Project: Finger Painting
	2. Intellect (Wisdom)	16. Science
	3. Social, Emotional, and Spiritual	17. Quiz 2
	4. Project: Observing Children	18. Safety and First Aid
	5. Quiz 1	19. Three Common Children's Conditions
	6. Care of Children	20. Quiz 3
	7. Project: Diaper Changing*	21. The Business of Babysitting
	8. Creative Child Care	22. Information You Need
	9. Activities	23. Quiz 4
	10. Project: Toy Evaluation	24. Special Project*
	11. Project: Making a Toy	25. Test
	12. Literature	26. Alternate Test*
	13. Project: Children's Story	27. Reference
	14. Music	

Unit 10: Relationships		
Assignments		
Family and Consumer Science	1. At Home	14. Quiz 4
	2. Siblings	15. Choosing the Right Mate
	3. Quiz 1	16. Project: Psalm 37:4
	4. At School and Work	17. Dating
	5. Teachers	18. Marriage
	6. Boss and Co-Workers	19. Project: Short Essay
	7. Project: Random Act of Kindness*	20. Parental Involvement
	8. Project: Food for Thought	21. Quiz 5
	9. Quiz 2	22. Special Project*
	10. At Church	23. Test
	11. The Family's Responsibility to the Church	24. Alternate Test*
	12. Quiz 3	25. Reference

Foundations for Living

Foundations for Living is an elective for high school students. Designed specifically with 11th and 12th graders in mind, Foundations for Living provides a Bible-based, sequential development of a Christian worldview through the use of fundamental truths from the Bible and the application of biblical principles to the various areas of contemporary life. The course aims to pull all of a student's education together into a unified whole, preparing them for their new adventures beyond high school in the home, church, college, and society.

Throughout this course, students will build the skills and knowledge needed to in order to do the following:

- Understand the unique identity of the Christian worldview.
- Observe how all truth properly fits together into the Christian worldview.
- Discern the difference between Christian and non-Christian worldviews.
- Think and live with discernment and conviction.
- Recognize how the world's philosophies of the past affect contemporary thinking and living.
- Judge and assess any issue using a biblical model.

Unit 1: What is a Biblical Worldview?	
Foundations for Living	Assignments
1.	Course Overview
2.	Introduction to Worldview
3.	Ancient Greek Worldview: Government
4.	Ancient Greek Worldview: Religion
5.	Ancient Greek Worldview: Philosophy
6.	Quiz 1: The Ancient Greek Worldview
7.	Ancient Hebrew Worldview: Religion
8.	Ancient Hebrew Worldview: Government
9.	Ancient Hebrew Worldview: Theology
10.	Project: Promises of God*
11.	Quiz 2: The Ancient Hebrew Worldview
12.	Conflicting Worldviews
13.	Dualism
14.	Quiz 3: Conflicting Worldviews
15.	Special Project*
16.	Test: What is a Biblical Worldview?
17.	Alternate Test: What is a Biblical Worldview?*
18.	Reference

Unit 2: Presuppositions	
Foundations for Living	Assignments
1.	Assumptions and Presuppositions: Introduction
2.	Assumptions and Presuppositions: Communication Difficulties
3.	Moral Relativism
4.	Moral Absolutism
5.	Quiz 1: Assumptions and Presuppositions
6.	The Basis for Truth
7.	The Basis for Morality
8.	God's Communication of His Standards to Us
9.	Understanding Repentance and God's Grace
10.	The Relationship of Law and Grace
11.	Quiz 2: Truth and Morality
12.	Special Project*
13.	Test: Presuppositions
14.	Alternate Test: Presuppositions*
15.	Reference

Unit 3: The Doctrines of the Bible	
Assignments	
Foundations for Living	1. The Doctrines of the Bible
	2. Different View of Inspiration
	3. Scriptural Support for Plenary Inspiration
	4. Quiz 1: The Inspiration of Scripture
	5. God's Natural Attributes
	6. God's Moral Attributes
	7. Quiz 2: The Attributes of God
	8. The Inerrancy of Scripture
	9. The Infallibility of Scripture
10. The Authority of Scripture	
11. The All-Sufficiency of Scripture	
12. The Illumination of the Holy Spirit	
13. Quiz 3: The Authority of God's Word	
14. Special Project*	
15. Test: The Doctrines of the Bible	
16. Alternate Test: The Doctrines of the Bible*	
17. Reference	

Unit 4: God's Creation	
Assignments	
Foundations for Living	1. Who Owns the World?
	2. God's Providential Control Over the World
	3. What is Man?
	4. The Attributes of God and Man
	5. Quiz 1: The Sovereignty of the Creator
	6. Loving God and Loving Others
	7. The Sanctity of Human Life
	8. People with a Purpose
	9. The Great Commission
10. Fulfilling the Great Commission	
11. Quiz 2: The Sanctity and Purpose of Human Life	
12. Special Project*	
13. Test: God's Creation	
14. Alternate Test: God's Creation*	
15. Reference	

Unit 5: Head of the Family	
Assignments	
Foundations for Living	1. A Special Relationship with God
	2. The Fatherhood of God - Part 1
	3. The Fatherhood of God - Part 2
	4. Quiz 1: Head of the Family
	5. Loving Leadership
	6. Characteristics of a Godly Man - Part 1
	7. Characteristics of a Godly Man - Part 2
	8. Quiz 2: Head of the Family
	9. Special Project*
10. Test: Head of the Family	
11. Alternate Test: Head of the Family*	
12. Reference	

Unit 6: The Bible and Marriage	
Assignments	
Foundations for Living	1. Necessary Ingredients for a Successful Marriage
	2. An Essential Foundation for a Successful Christian Marriage
	3. Additional Factors to Consider for a Successful Christian Marriage
	4. Quiz 1: The Successful Christian Family
	5. The Role of Husbands and Wives in a Christian Home
	6. The Role of Children in a Christian Home
	7. Quiz 2: Roles of Family Members
	8. Role Conflicts in Our Culture
	9. Learned Behavior Problems in the Family
10. Quiz 3: Role Conflicts in Our Culture	
11. Special Project*	
12. Test: The Bible and Marriage	
13. Alternate Test: The Bible and Marriage*	
14. Reference	

Unit 7: Dating to Matrimony	
frentFoundations for Living	Assignments
	1. Recreational Dating
	2. Dating Practices from Bible Times to Modern Times
	3. Negative Tendencies in Dating
	4. Recreational Dating and the Christian Response
	5. Quiz 1: Dating vs. Courtship
	6. Making a Commitment
	7. Lessons from a Wedding Ceremony
8. Quiz 2: Making a Commitment	
9. The Engagement Period	
10. Resolving Conflicts	
11. Quiz 3: The Engagement	
12. Special Project*	
13. Test: Dating and Matrimony	
14. Alternate Test: Dating and Matrimony*	
15. Reference	

Unit 8: Christian Education	
Foundations for Living	Assignments
	1. Created to Learn
	2. Created to Teach
	3. The Foundation of all Education
	4. General Revelation
	5. Special Revelation
	6. Quiz 1: Created to Learn
	7. Filtering Facts
	8. Learning in and from Our Environment
	9. Application of Truth
	10. Quiz 2: Filtering Facts and Applying the Truth
	11. Special Project*
	12. Test: Christian Education
	13. Alternate Test: Christian Education*
14. Reference	

Unit 9: Art, Music, and Politics	
Foundations for Living	Assignments
	1. A Christian Worldview in the Arts
	2. Christian Art through History
	3. Music, a Gift from God
	4. The Art Form of Literature
	5. Quiz 1: A Christian Worldview in the Arts
	6. Civil Government
	7. The Concerns and Strategies of Politics
	8. Christian Involvement in Politics
	9. Quiz 2: A Christian Worldview in Politics
	10. Special Project*
	11. Test: Art, Music, and Politics
	12. Alternate Test: Art, Music, and Politics*
13. Reference	

Unit 10: Putting it All Together	
Foundations for Living	Assignments
	1. Biblical Faith
	2. Biblical Eyes
	3. Biblical Strategies and their Application
	4. Quiz 1: Applying a Biblical Worldview
	5. Unit 1 Review: What is a Biblical Worldview?
	6. Unit 2 Review: Assumptions and Presuppositions
	7. Unit 3 Review: The Doctrines of the Bible
	8. Unit 4 Review: God's Creation
	9. Unit 5 Review: Head of the Family
	10. Unit 6 Review: The Bible and Marriage
	11. Unit 7 Review: Dating to Matrimony
	12. Unit 8 Review: Christian Education
	13. Unit 9 Review: Art, Music, and Politics
	14. Quiz 2: Review
	15. Special Project*
	16. Test: Putting it All Together
	17. Alternate Test: Putting it All Together*
18. Reference	

French I

In French 1, students begin to develop competence in four basic skill areas: listening, speaking, reading, and writing. While developing communicative competence in French, students gain and expand their knowledge of francophone countries and cultures.

Emphasis is placed on learning the present tense, the near future and the past tense in French I through thematically designed units. Topics include home, school, family, holidays, and daily and leisure activities.

Students develop the ability to:

- greet and respond to greetings
- introduce and respond to introductions
- engage in conversations on several themes
- express likes and dislikes
- make requests
- obtain information
- understand some ideas and familiar details
- begin to provide information.

By the end of French I, students will:

- communicate minimally by using short sentences, learned words and phrases, and simple questions and commands when speaking and writing.
- understand some ideas and familiar details presented in clear, uncomplicated speech when listening.
- understand short texts enhanced by visual clues when reading.

Unit 1: Bienvenue		
Assignments		
French I	1. Course Overview	1. Course Overview
	2. Bienvenue au monde francophone	2. Welcome to the Francophone World
	3. Les salutations	3. Greetings
	4. L'alphabet et les accents	4. Alphabet and Accents
	5. Les nombres de 0 à 60	5. Numbers from 0 to 60
	6. Interrogation 1 : Les présentations	6. Quiz 1: Introductions
	7. Interrogation alternative – Version A : Les présentations*	7. Alternate Quiz - Form A: Introductions*
	8. Interrogation alternative – Version B : Les présentations*	8. Alternate Quiz - Form B: Introductions*
	9. Un pays divers	9. A Diverse Country
	10. Etre: To Be or Not to Be	10. Être: To Be or Not to Be
	11. D'où es-tu ?	11. Where Are You From?
	12. Masculin ou féminin	12. Masculine or Feminine
	13. Un autoportrait	13. A Self-Portrait
	14. Interrogation 2 : Les descriptions	14. Quiz 2: Descriptions
	15. Interrogation alternative - Version A : Les descriptions*	15. Alternate Quiz - Form A: Descriptions*
	16. Interrogation alternative - Version B : Les descriptions*	16. Alternate Quiz - Form B: Descriptions*
	17. Dossier : le monde francophone	17. Project: The Francophone World
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Bienvenue	20. Test: Welcome
	21. Contrôle alternatif - Version A : Bienvenue*	21. Alternate Test – Form A: Welcome*
	22. Contrôle alternatif - Version B : Bienvenue*	22. Alternate Test – Form B: Welcome*
	23. Glossaire et références	23. Glossary and Credits

Unit 2: Au Lycée		
Assignments		
French I	1. En classe	1. In the Classroom
	2. Avoir	2. To Have
	3. Les expressions avec avoir	3. Expressions with to Have
	4. Les expressions utilisées à l'école	4. School Expressions
	5. Interrogation 1 : En classe	5. Quiz 1: In Class
	6. Interrogation alternative - Version A : En classe*	6. Alternate Quiz - Form A: In Class*
	7. Interrogation alternative - Version B : En classe*	7. Alternate Quiz - Form B: In Class*
	8. Le système éducatif en France	8. The Educational System in France
	9. Les matières	9. School Subjects
	10. Les verbes -er	10. -Er Verbs
	11. La construction infinitive	11. Infinitive Construction
	12. Les structures interrogatives	12. Interrogative Structures
	13. Interrogation 2 : Au lycée en France	13. Quiz 2: High School in France
	14. Interrogation alternative - Version A : Au lycée en France*	14. Alternate Quiz - Form A: High School in France*
	15. Interrogation alternative - Version B : Au lycée en France*	15. Alternate Quiz - Form B: High School in France*
	16. Emploi du temps	16. Schedule
	17. Quelle heure est-il ?	17. What Time Is It?
	18. Quelle est la date d'aujourd'hui ?	18. What Is the Date Today?
	19. Les chiffres de 60 à 100	19. Numbers from 60 to 100
	20. Dossier : Ton emploi de temps	20. Project: Your Schedule
	21. Interrogation 3 : La date et l'horaire	21. Quiz 3: Date and Time
	22. Interrogation alternative - Version A : La date et l'horaire*	22. Alternate Quiz - Form A: Date and Time*
	23. Interrogation alternative - Version B : La date et l'horaire*	23. Alternate Quiz - Form B: Date and Time*
	24. Dossier spécial*	24. Special Project*
	25. Révision	25. Review
	26. Contrôle : Au lycée	26. Test: At High School
	27. Contrôle alternatif - Version A : Au lycée*	27. Alternate Test – Form A: At High School*
	28. Contrôle alternatif - Version B : Au lycée*	28. Alternate Test – Form B: At High School*
	29. Glossaire et références	29. Glossary and Credits

Unit 3: La Famille et les Amis		
Assignments		
French I	1. Les structures familiales en France	1. Familial Structures in France
	2. La famille	2. Family
	3. Les adjectifs possessifs	3. Possessive Adjectives
	4. L'apparence physique	4. Physical Appearance
	5. Les expressions interrogatives	5. Interrogative Expressions
	6. Dossier : Votre arbre généalogique	6. Project: Your Family Tree
	7. Interrogation 1 : La famille	7. Quiz 1: Family
	8. Interrogation alternative - Version A : La famille*	8. Alternate Quiz - Version A: Family*
	9. Interrogation alternative - Version B : La famille*	9. Alternate Quiz - Version B: Family*
	10. L'amitié	10. Friendship
	11. Les adjectifs	11. Adjectives
	12. Les adjectifs irréguliers	12. Irregular Adjectives
	13. Les adjectifs qui précèdent le nom	13. Adjectives That Precede the Noun
	14. Dossier : Un ami idéal	14. Project: An Ideal Friend
	15. Interrogation 2 : Les amis	15. Quiz 2: Friends
	16. Interrogation alternative - Version A : Les amis*	16. Alternate Quiz - Version A: Friends*
	17. Interrogation alternative - Version B : Les amis*	17. Alternate Quiz - Version B: Friends*
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : La famille et les amis	20. Test: Family and Friends
	21. Contrôle alternatif - Version A : La famille et les amis*	21. Alternate Test – Form A: Family and Friends*
	22. Contrôle alternatif - Version B : La famille et les amis*	22. Alternate Test – Form B: Family and Friends*
	23. Glossaire et références	23. Glossary and Credits

Unit 4: Les Loisirs et les Sports		
Assignments		
French I	1. Les loisirs en France	1. Leisure Activities in France
	2. Les passe-temps	2. Hobbies
	3. Faire	3. To Do or to Make
	4. Les verbes et les adverbes	4. Verbs and Adverbs
	5. Dossier : Un correspondant français	5. Project: A French Correspondent
	6. Interrogation 1 : Les loisirs	6. Quiz 1: Leisure Activities
	7. Interrogation alternative - Version A : Les loisirs*	7. Alternate Quiz - Form A: Leisure Activities*
	8. Interrogation alternative - Version B : Les loisirs*	8. Alternate Quiz - Form B: Leisure Activities*
	9. Les sports en France	9. Sports in France
	10. Les sports	10. Sports
	11. Plus d'adverbes	11. More Adverbs
	12. Provence-Alpes-Côte d'Azur	12. Provence-Alps-French Riviera
	13. Dossier : les jeux Olympiques	13. Project: The Olympic Games
	14. Interrogation 2 : Les sports	14. Quiz 2: Sports
	15. Interrogation alternative - Version A : Les sports*	15. Alternate Quiz - Version A: Sports*
	16. Interrogation alternative - Version B : Les sports*	16. Alternate Quiz - Version B: Sports*
	17. Le temps	17. Weather
	18. Les saisons	18. Seasons
	19. Dossier : Une prévision météorologique	19. Project: A Weather Forecast
	20. Interrogation 3 : La météo	20. Quiz 3: Weather
	21. Interrogation alternative - Version A : La météo*	21. Alternate Quiz - Version A: Weather*
	22. Interrogation alternative - Version B : La météo*	22. Alternate Quiz - Version B: Weather*
	23. Dossier spécial*	23. Special Project*
	24. Révision	24. Review
	25. Contrôle : Les loisirs et les sports	25. Test: Hobbies and Sports
	26. Contrôle alternatif - Version A : Les loisirs et les sports*	26. Alternate Test – Form A: Hobbies and Sports*
	27. Contrôle alternatif - Version B : Les loisirs et les sports*	27. Alternate Test – Form B: Hobbies and Sports*
	28. Glossaire et références	28. Glossary and Credits

Unit 5: Les Fêtes et les Traditions		
Assignments		
French I	1. Noël en France	1. Christmas in France
	2. Les fêtes en France	2. Holidays in France
	3. Faisons la fête !	3. Let's Celebrate!
	4. Les chiffres à partir de 100	4. Numbers Larger than 100
	5. Le carnaval	5. Carnival
	6. Dossier: Une fête en France	6. Project: A French Holiday
	7. Interrogation 1 : Les fêtes	7. Quiz 1: Holidays
	8. Interrogation alternative - Version A : Les fêtes*	8. Alternate Quiz - Form A: Holidays*
	9. Interrogation alternative - Version B : Les fêtes*	9. Alternate Quiz - Form B: Holidays*
	10. La fête nationale de la France	10. France's National Holiday
	11. Dossier: Les fêtes nationales	11. Project: National Holidays
	12. Joyeux anniversaire !	12. Happy Birthday!
	13. Les invitations	13. Invitations
	14. Les verbes qui changent d'orthographe	14. Stem-changing Verbs
	15. Interrogation 2 : Les anniversaires	15. Quiz 2: Birthdays
	16. Interrogation alternative - Version A : Les Anniversaires*	16. Alternate Quiz - Form A: Birthdays*
	17. Interrogation alternative - Version B: Les anniversaires*	17. Alternate Quiz - Form B: Birthdays*
	18. Les périodes de la vie	18. Stages of Life
	19. Les couleurs	19. Colors
	20. Les pronoms complément d'objet direct	20. Direct-Object Pronouns
	21. Interrogation 3 : La vie	21. Quiz 3: Life
	22. Interrogation alternative - Version A : La vie*	22. Alternate Quiz - Form A: Life*
	23. Interrogation alternative - Version B : La vie*	23. Alternate Quiz - Form B: Life*
	24. Dossier spécial*	24. Special Project*
	25. Révision	25. Review
	26. Contrôle : Les fêtes et les traditions	26. Test: Holidays and Traditions
	27. Contrôle alternatif - Version A : Les fêtes et les traditions*	27. Alternate Test – Form A: Holidays and Traditions*
	28. Contrôle alternatif - Version B : Les fêtes et les traditions*	28. Alternate Test – Form B: Holidays and Traditions*
	29. Glossaire et références	29. Glossary and Credits

Unit 6: Révision et Contrôle Semestriel		
Assignments		
French I	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam – Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam – Form B*

Unit 7: En Ville		
Assignments		
French I	1. Visitons la ville	1. Let's Visit the City
	2. Aller	2. To Go
	3. Les prépositions de lieu	3. Prepositions of Place
	4. La Bretagne	4. Brittany
	5. Dossier : Mon quartier	5. Project: My Neighborhood
	6. Interrogation 1: La vie en ville	6. Quiz 1: Life in the City
	7. Interrogation alternative - Version A : La vie en ville*	7. Alternate Quiz - Form A: Life in the City*
	8. Interrogation alternative - Version B : La vie en ville*	8. Alternate Quiz - Form B: Life in the City*
	9. Paris	9. Paris
	10. Les nombres ordinaux	10. Ordinal Numbers
	11. Les moyens de transport	11. Transportation
	12. Les verbes réguliers en -re	12. Regular -re Verbs
	13. Les verbes irréguliers en -re	13. Irregular -re Verbs
	14. Dossier : L'itinéraire pour mon voyage à Paris	14. Project: The Itinerary for My Trip to Paris
	15. Interrogation 2: La ville des lumières	15. Quiz 2: The City of Lights
	16. Interrogation alternative - Version A : La ville des lumières*	16. Alternate Quiz - Form A: The City of Lights*
	17. Interrogation alternative - Version B : La ville des lumières*	17. Alternate Quiz - Form B: The City of Lights*
	18. Dossier spécia*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : En ville	20. Test: In the City
	21. Contrôle alternatif - Version A : En ville*	21. Alternate Test – Form A: In the City*
	22. Contrôle alternatif - Version B : En ville*	22. Alternate Test – Form B: In the City*
	23. Glossaire et références	23. Glossary and Credits

Unit 8: Bon Appétit		
Assignments		
French I	1. Les repas français	1. French Meals
	2. Faire les courses	2. Grocery Shopping
	3. Les verbes réguliers en -ir	3. Regular -ir Verbs
	4. Les verbes irréguliers en -ir	4. Irregular -ir Verbs
	5. Interrogation 1: La nourriture	5. Quiz 1: Food
	6. Interrogation alternative - Version A : La nourriture*	6. Alternate Quiz - Version A: Food*
	7. Interrogation alternative - Version B : La nourriture*	7. Alternate Quiz - Version B: Food*
	8. Au café	8. At the Café
	9. L'article partitif	9. The Partitive Article
	10. Les expressions de quantité	10. Expressions of Quantity
	11. Dossier : Recette de crêpes	11. Project: Crepe Recipe
	12. Interrogation 2: La nourriture et les quantités	12. Quiz 2: Food and Quantities
	13. Interrogation alternative - Version A : La nourriture et les quantités*	13. Alternate Quiz - Version A: Food and Quantities*
	14. Interrogation alternative - Version B : La nourriture et les quantités*	14. Alternate Quiz - Version B: Food and Quantities*
	15. À table	15. At the Table
	16. Au restaurant	16. At the Restaurant
	17. Dossier : Au restaurant	17. Project: At the Restaurant
	18. La cuisine française	18. French Cuisine
	19. Interrogation 3: La cuisine française	19. Quiz 3: French Cuisine
	20. Interrogation alternative - Version A : La cuisine Française*	20. Alternate Quiz - Version A: French Cuisine*
	21. Interrogation alternative - Version B : La cuisine française*	21. Alternate Quiz - Version B: French Cuisine*
	22. Dossier spécial*	22. Special Project*
	23. Révision	23. Review
	24. Contrôle : Bon appétit	24. Test: Bon Appetite
	25. Contrôle alternatif - Version A : Bon appétit*	25. Alternate Test – Form A: Bon Appetite*
	26. Contrôle alternatif - Version B : Bon appétit*	26. Alternate Test – Form B: Bon Appetite*
	27. Glossaire et références	27. Glossary and Credits

Unit 9: La Vie Quotidienne		
Assignments		
French I	1. Les vêtements et les couleurs	1. Clothes and Colors
	2. En solde	2. On Sale
	3. Mettre	3. To Place, to Put On
	4. Faisons du shopping	4. Let's Go Shopping
	5. Dossier : Un défilé de mode	5. Project: A Fashion Show
	6. Le look en France	6. The Look in France
	7. Dossier : Ton look	7. Project: Your Look
	8. Interrogation 1: Les vêtements	8. Quiz 2: Clothing
	9. Interrogation alternative - Version A : Les vêtements*	9. Alternate Quiz - Form A: Clothing*
	10. Interrogation alternative - Version B : Les vêtements*	10. Alternate Quiz - Form B: Clothing*
	11. Les parties du corps	11. Parts of the Body
	12. Dossier : Un ami imaginaire et bizarre	12. Project: A Bizarre Imaginary Friend
	13. Les gestes et les expressions	13. Gestures and Expressions
	14. Les verbes réfléchis	14. Reflexive Verbs
	15. L'interrogation et la négation des verbes réfléchis	15. Interrogation and Negation with Reflexive Verbs
	16. Dossier : Votre routine quotidienne	16. Project: Your Daily Routine
	17. Interrogation 2: La routine	17. Quiz 2: Routine
	18. Interrogation alternative - Version A : La routine*	18. Alternate Quiz - Form A: Routine*
	19. Interrogation alternative - Version B : La routine*	19. Alternate Quiz - Form B: Routine*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La vie quotidienne	22. Test: Daily Life
	23. Contrôle alternatif - Version A : La vie quotidienne*	23. Alternate Test – Form A: Daily Life*
	24. Contrôle alternatif - Version B : La vie quotidienne*	24. Alternate Test – Form B: Daily Life*
	25. Glossaire et références	25. Glossary and Credits

Unit 10: Les Médias		
Assignments		
French I	1. À la télévision	1. On Television
	2. La publicité	2. Commercials
	3. Voir, c'est croire	3. Seeing Is Believing
	4. Dossier : Le journal télévisé	4. Project: The News
	5. Interrogation 1 : À la télé	5. Quiz 1 - : On TV
	6. Interrogation alternative - Version A : À la télé*	6. Alternate Quiz - Form A: On TV*
	7. Interrogation alternative - Version B : À la télé*	7. Alternate Quiz - Form B: On TV*
	8. Sur Internet	8. On the Internet
	9. Dire, lire et écrire	9. To Say, to Read, to Write
	10. Les pronoms complément d'objet direct	10. Direct-Object Pronouns
	11. Interrogation 2 : L'Informatique	11. Quiz 2: Computing
	12. Interrogation alternative-Version A : L'Informatique*	12. Alternate Quiz - Form A: Computing*
	13. Interrogation alternative-Version B : L'Informatique*	13. Alternate Quiz - Form B: Computing*
	14. La presse	14. The Press
	15. Les pronoms complément d'objet indirect	15. Indirect-Object Pronouns
	16. Dossier : Le Monde	16. Project: <i>Le Monde</i>
	17. Interrogation 2 : La lecture	17. Quiz 3: Reading
	18. Interrogation alternative - Version A : La lecture*	18. Alternate Quiz - Form A: Reading*
	19. Interrogation alternative - Version B : La lecture*	19. Alternate Quiz - Form B: Reading*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : Les médias	22. Test: The Media
	23. Contrôle alternatif - Version A: Les medias*	23. Alternate Test – Form A: The Media*
	24. Contrôle alternatif - Version B: Les medias*	24. Alternate Test – Form B The Media*
	25. Glossaire et références	25. Glossary and Credits

Unit 11: Les Vacances		
Assignments		
French I	1. À l'agence de voyage	1. At the Travel Agency
	2. Le passé composé avec les verbes –er	2. The Passé Composé with -er Verbs
	3. Le passé composé avec les verbes –ir	3. The Passé Composé with -ir Verbs
	4. Le passé composé avec les verbes –re	4. The Passé Composé with -re Verbs
	5. Mes vacances en Normandie	5. My Vacation in Normandy
	6. Interrogation 1: Les vacances d'été	6. Quiz 1: Summer Vacation
	7. Interrogation alternative - Version A : Les vacances d'été*	7. Alternate Quiz - Form A: Summer Vacation*
	8. Interrogation alternative - Version B : Les vacances d'été*	8. Alternate Quiz - Form B: Summer Vacation*
	9. À la gare	9. At the Train Station
	10. La région du Centre	10. The Central Region of France
	11. La Corse	11. Corsica
	12. Le passé composé avec être	12. The Passé Composé with Être
	13. Dossier : Mon voyage en France	13. Project: My Trip to France
	14. Interrogation 2: Un voyage en France	14. Quiz 2: A Trip to France
	15. Interrogation alternative - Version A : Un voyage en France*	15. Alternate Quiz - Form A: A Trip to France*
	16. Interrogation alternative - Version B : Un voyage en France*	16. Alternate Quiz - Form B: A Trip to France*
	17. Dossier spécial*	17. Special Project*
	18. Révision	18. Review
	19. Contrôle : Les vacances	19. Test : Vacation
	20. Contrôle alternatif - Version A : Les vacances*	20. Alternate Test – Form A: Vacation*
	21. Contrôle alternatif - Version B : Les vacances*	21. Alternate Test – Form B : Vacation*
	22. Glossaire et références	22. Glossary and Credits

Unit 12: Révision et Contrôle Semestriel		
Assignments		
French I	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam—Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam—Form B*

French II

French II is a high school foreign language course that builds on and reviews skills and concepts taught in *French I* through further exposure to communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Upon completion of the course, students should be able to do the following:

- Use basic French in everyday situations in oral and written communication.
- Use French vocabulary at the level appropriate to living in francophone countries.
- Demonstrate knowledge of France and other francophone countries.
- Listen to and understand passages in French related to various themes.
- Read and understand passages in French related to presented themes.
- Compare and contrast cultural aspects of francophone countries and the United States.

This course gives students practice using the mechanics of the French language, acquaints them with the cultural differences of francophone countries, and helps them gain a keen awareness of their own culture.

Unit 1: Faisons du Shopping		
Assignments		
French II	1. Course Overview	1. Course Overview
	2. Les magasins en France	2. French Stores
	3. Révision des verbes	3. Verb Review
	4. Les produits français	4. French Products
	5. Qui, quand, pourquoi ?	5. Who, When, Why?
	6. Interrogation 1 : Au magasin	6. Quiz 1: At the Store
	7. Interrogation alternative - Version A : Au magasin*	7. Quiz 1 alternate- Form A: At the Store*
	8. Interrogation alternative - Version B : Au magasin*	8. Quiz 1 alternate- Form B: At the Store*
	9. Au marché français	9. At the French Market
	10. Les adjectifs démonstratifs	10. Demonstrative Adjectives
	11. Quelle est la différence ?	11. What's the Difference?
	12. Les marchés dans le monde francophone	12. Markets in the Francophone World
	13. Interrogation 2 : Au marché	13. Quiz 2: At the Market
	14. Interrogation alternative - Version A : Au marché*	14. Quiz 2 Alternate- Form A: At the Market*
	15. Interrogation alternative - Version B : Au marché*	15. Quiz 2 Alternate- Form B: At the Market*
	16. Combien ? Les expressions de quantité	16. How Much? How Many? Expressions of Quantity
	17. Combien cela coute-t-il ?	17. How Much Does It Cost?
	18. Les pronoms objets directs	18. Direct-Object Pronouns
	19. Interrogation 3 : Faire du shopping	19. Quiz 3: Going Shopping
	20. Interrogation alternative - Version A : Faire du shopping*	20. Quiz 3 alternate- Form A: Going Shopping*
	21. Interrogation alternative - Version B : Faire du shopping*	21. Quiz 3 alternate- Form B: Going Shopping*
	22. Dossier: Écrire un dialogue	22. Project: Write a Dialogue
	23. Dossier spécial*	23. Special Project*
	24. Révision	24. Review
	25. Contrôle : Faisons du shopping	25. Test: Let's Go Shopping
	26. Contrôle alternatif - Version A : Faisons du shopping*	26. Alternate Test – Form A: Let's Go Shopping*
	27. Contrôle alternatif - Version B : Faisons du shopping*	27. Alternate Test – Form B: Let's Go Shopping*
	28. Glossaire et références	28. Glossary and Credits

Unit 2: Au Travail		
Assignments		
French II	1. Les métiers de la santé	1. Health Care Professions
	2. Les professions artistiques	2. Professions in the Arts
	3. Les professions artisanales	3. Trades
	4. Les professions qui aident les gens	4. Helping Professions
	5. Interrogation 1 : Les professions	5. Quiz 1 : Jobs
	6. Interrogation alternative – Version A : Les professions*	6. Alternate Quiz – Form A : Jobs*
	7. Interrogation alternative – Version B : Les professions*	7. Alternate Quiz – Form B : Jobs*
	8. Les qualités personnelles	8. Character Traits
	9. Dossier : Mon emploi idéal	9. Project : My Ideal Job
	10. Les emplois des étudiants	10. Student Jobs
	11. Jeune fille au pair	11. Young 'Au Pair' Girl
	12. Interrogation 2 : Le travail des jeunes	12. Quiz 2 : Jobs for Young People
	13. Interrogation alternative – Version A : Le travail des jeunes*	13. Alternate Quiz – Form A : Jobs for Young People*
	14. Interrogation alternative – Version B : Le travail des jeunes*	14. Alternate Quiz – Form B : Jobs for Young People*
	15. Poser sa candidature	15. Applying for a Job
	16. Préparer un entretien d'embauche	16. Preparing for a Job Interview
	17. Oui, monsieur !	17. Yes, Sir!
	18. Le travail au Sénégal	18. Working in Senegal
	19. Interrogation 3 : L'entretien d'embauche et le travail	19. Quiz 3 : Job Interviews and Work
	20. Interrogation alternative – Version A : L'entretien d'embauche et le travail*	20. Alternate Quiz – Form A : Job Interviews and Work*
	21. Interrogation alternative – Version B : L'entretien d'embauche et le travail*	21. Alternate Quiz – Form B : Job Interviews and Work*
	22. Dossier spécial*	22. Special Project*
	23. Révision	23. Review
	24. Contrôle : Au travail	24. Test : At Work
	25. Contrôle alternatif – Version A : Au travail*	25. Alternate Test – Form A: At Work*
	26. Contrôle alternatif – Version B : Au travail*	26. Alternate Test - Form B: At Work*
	27. Glossaire et références	27. Glossary and Credits

Unit 3: Au Cinéma

Assignments

FRENCH II

1. Le cinéma français	1. French Cinema
2. Quel film va-t-on voir ?	2. Which Movie Are We Going to See?
3. Où allons-nous ?	3. Where Are We Going?
4. Allons au cinéma	4. Let's Go to the Movies
5. Interrogation 1 : Allons au cinéma	5. Quiz 1: Let's Go to the Movies
6. Interrogation alternative - Version A : Allons au cinéma*	6. Alternate Quiz - Form A: Let's Go to the Movies*
7. Interrogation alternative - Version B : Allons au cinéma*	7. Alternate Quiz - Form B: Let's Go to the Movies*
8. Il n'y a plus de places	8. It's All Sold Out
9. Comment est le film ?	9. How's the Movie?
10. Dossier : Les Césars du cinéma	10. Project: The Caesar Movie Awards
11. Interrogation 2 : Le cinéma	11. Quiz 2: The Movies
12. Interrogation alternative - Version A : Le cinéma*	12. Alternate Quiz 2 - Form A: The Movies*
13. Interrogation alternative - Version B : Le cinéma*	13. Alternate Quiz 2 - Form B: The Movies*
14. Festival de Cannes	14. Cannes Film Festival
15. Une entrevue avec une vedette	15. An Interview with a Movie Star
16. Dossier : Que nous apprennent les films sur la culture ?	16. Project: What Do Movies Teach Us about Culture?
17. Dossier : Une histoire, deux cultures	17. Project: One Story, Two Cultures
18. Interrogation 3 : La culture et le cinéma	18. Quiz 3: Culture and Film
19. Interrogation alternative - Version A : La culture et le cinéma*	19. Alternate Quiz - Form A: Culture and Film*
20. Interrogation alternative - Version B : La culture et le cinéma*	20. Alternate Quiz - Form B: Culture and Film*
21. Dossier spécial*	21. Special Project*
22. Révision	22. Review
23. Contrôle : Au cinéma	23. Test: At the Movies
24. Contrôle alternatif - Version A : Au cinéma*	24. Alternate Test - Form A: At the Movies*
25. Contrôle alternatif - Version B : Au cinéma*	25. Alternate Test - Form B: At the Movies*
26. Glossaire et références	26. Glossary and Credits

Unit 4: En Ville et à la Campagne		
Assignments		
French II	1. Les domiciles	1. Homes
	2. Les tâches ménagères	2. Housework
	3. En ville	3. In the City
	4. Les pièces de l'appartement	4. Rooms in the Apartment
	5. Dossier : Une maison de rêve	5. Project: A Dream House
	6. Interrogation 1 : La ville	6. Quiz 1: The City
	7. Interrogation alternative - Version A : La ville*	7. Alternate Quiz - Form A: The City*
	8. Interrogation alternative - Version B : La ville*	8. Alternate Quiz - Form B: The City*
	9. Le passé composé avec être	9. The Passé Composé Tense with Être
	10. En train	10. On the Train
	11. Interrogation 2 : Les transports	11. Quiz 2 : Transportation
	12. Interrogation alternative - Version A : Les transports*	12. Alternate Quiz - Form A: Transportation*
	13. Interrogation alternative - Version B : Les transports*	13. Alternate Quiz - Form B: Transportation*
	14. La Provence en train	14. Provence by Train
	15. Les maisons en Provence	15. Houses in Provence
	16. Dossier: Les villes et les villages de France	16. Project: Cities and Villages of France
	17. Une journée en Provence	17. A Day in Provence
	18. Dossier : Mon journal de voyage	18. Project: My Travel Journal
	19. Interrogation 3 : La campagne	19. Quiz 3: The Countryside
	20. Interrogation alternative - Version A : La campagne*	20. Alternate Quiz - Form A: The Countryside*
	21. Interrogation alternative - Version B : La campagne*	21. Alternate Quiz - Form B: The Countryside*
	22. Dossier spécial*	22. Special Project
	23. Révision	23. Review
	24. Contrôle : En ville et à la campagne	24. Test: In the City and in the Country
	25. Contrôle alternatif - Version A : En ville et à la campagne*	25. Alternate Test – Form A: In the City and in the Country*
	26. Contrôle alternatif - Version B : En ville et à la campagne*	26. Alternate Test – Form B: In the City and in the Country*
	27. Glossaire et références	27. Glossary and Credits

Unit 5: La Santé		
Assignments		
French II	1. La France et la nutrition	1. France and Nutrition
	2. Un régime équilibré	2. A Balanced Diet
	3. La nutrition dans le monde francophone	3. Nutrition in the Francophone World
	4. L'activité physique	4. Physical Activity
	5. Dossier : Le journal de mes habitudes	5. Project: My Daily Routine Journal
	6. Interrogation 1 : La nutrition	6. Quiz 1: Nutrition
	7. Interrogation alternative - Version A : La nutrition*	7. Alternate Quiz - Form A: Nutrition*
	8. Interrogation alternative - Version B : La nutrition*	8. Alternate Quiz - Form B: Nutrition*
	9. Les habitudes quotidiennes	9. Daily Routines
	10. Comment t'es-tu occupé?	10. How Did You Keep Busy?
	11. Les habitudes d'un jeune	11. A Teen's Typical Routine
	12. Interrogation 2 : Les habitudes	12. Quiz 2: Routines
	13. Interrogation alternative - Version A : Les habitudes*	13. Alternate Quiz - Form A: Routines*
	14. Interrogation alternative - Version B : Les habitudes*	14. Alternate Quiz - Form B: Routines*
	15. Les symptômes d'une maladie	15. Symptoms of an Illness
	16. Chez le médecin	16. At the Doctor's Office
	17. Interrogation 3 : La maladie et le corps	17. Quiz 3: Illnesses and the Body
	18. Interrogation alternative - Version A : La maladie et le corps*	18. Alternate Quiz - Form A: Illnesses and the Body*
	19. Interrogation alternative - Version B : La maladie et le corps*	19. Alternate Quiz – Form B: Illnesses and the Body*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La santé	22. Test: Health
	23. Contrôle alternatif - Version A : La santé*	23. Alternate Test – Form A: Health*
	24. Contrôle alternatif - Version B : La santé*	24. Alternate Test – Form B: Health*
	25. Glossaire et références	25. Glossary and Credits

Unit 6: Révision et Contrôle Semestriel		
Assignments		
French II	1. Révision	1. Review
	2. Contrôle	2. Exam
	3. Contrôle alternatif – Version A*	3. Alternate Exam – Form A*
	4. Contrôle alternatif – Version B*	4. Alternate Exam – Form B*

Unit 7: Les Vacances D'hiver		
Assignments		
French II	1. Où allez-vous ?	1. Where Are You Going ?
	2. A l'aéroport	2. At the Airport
	3. Les annonces à l'aéroport	3. Announcements at the Airport
	4. Interrogation 1 : Partir en vacances d'hiver	4. Quiz 1 : Leaving for Winter Vacation
	5. Interrogation alternative – Version A : Partir en vacances d'hiver*	5. Alternate Quiz – Form A : Leaving for Winter Vacation*
	6. Interrogation alternative – Version B : Partir en vacances d'hiver*	6. Alternate Quiz – Form B : Leaving for Winter Vacation*
	7. Une capsule mémorielle	7. A Time Capsule
	8. Il faisait froid au Québec	8. It Was Cold in Quebec
	9. Comment étaient tes vacances ?	9. How Was Your Vacation?
	10. Dossier :L'hôtel de glace	10. Project : The Ice Hotel
	11. Interrogation 2 : Raconter ses vacances	11. Quiz 2 : Telling About Your Vacation
	12. Interrogation alternative – Version A : Raconter ses vacances*	12. Alternate Quiz – Form A : Telling About Your Vacation*
	13. Interrogation alternative – Version B : Raconter ses vacances*	13. Alternate Quiz – Form B : Telling About Your Vacation*
	14. Le passe composé et l'imparfait	14. The Past Tenses
	15. Les fêtes culturelles	15. Cultural Celebrations
	16. Dossier : Journal de voyage : le mardi gras	16. Project : Travel Journal: Mardi Gras
	17. Interrogation 3 : Les vacances d'hiver	17. Quiz 3 : Winter Vacation
	18. Interrogation alternative – Version A :Les vacances d'hiver*	18. Alternate Quiz – Form A : Winter Vacation*
	19. Interrogation alternative – Version B : Les vacances d'hiver*	19. Alternate Quiz – Form B : Winter Vacation*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : Les vacances d'hiver	22. Test: Winter Vacation
	23. Contrôle alternatif – Version A : Les vacances d'hiver*	23. Alternate Test – Form A: Winter Vacation*
	24. Contrôle alternatif – Version B : Les vacances d'hiver*	24. Alternate Test – Form B: Winter Vacation*
	25. Glossaire et références	25. Glossary and Credits

Unit 8: La Mode		
Assignments		
French II	1. S'habiller selon la météo	1. Dressing for the Weather
	2. Un magazine de mode	2. A Fashion Magazine
	3. Dans la boutique de prêt-à-porter	3. In the Clothing Store
	4. Choisir des vêtements dans une boutique	4. Choosing Clothing in a Boutique
	5. Dossier : Un événement spécial	5. Project: A Special Event
	6. Interrogation 1 : S'habiller	6. Quiz 1 : Getting Dressed
	7. Interrogation alternative – Version A : S'habiller*	7. Alternate Quiz – Form A : Getting Dressed*
	8. Interrogation alternative – Version B : S'habiller*	8. Alternate Quiz – Form B : Getting Dressed*
	9. La haute couture	9. Haute Couture Fashion
	10. La mode au début du vingtième siècle	10. Fashion at the Beginning of the Twentieth Century
	11. Interrogation 2 : La haute couture et l'histoire de la mode	11. Quiz 2 : High Fashion and the History of Fashion
	12. Interrogation alternative – Version A : La haute couture et l'histoire de la mode*	12. Alternate Quiz – Form A : High Fashion and the History of Fashion*
	13. Interrogation alternative – Version B : La haute couture et l'histoire de la mode*	13. Alternate Quiz – Form B : High Fashion and the History of Fashion*
	14. La mode du vingtième siècle	14. Twentieth Century Fashion
	15. La mode africaine	15. African Fashion
	16. Dossier : Un défilé de mode	16. Project : A Fashion Show
	17. Interrogation 3 : La mode actuelle	17. Quiz 3 : Current Fashion
	18. Interrogation alternative – Version A : La mode actuelle*	18. Alternate Quiz – Form A : Current Fashion*
	19. Interrogation alternative – Version B : La mode actuelle*	19. Alternate Quiz – Form B : Current Fashion*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La mode	22. Test: Fashion
	23. Contrôle alternatif – Version A : La mode*	23. Alternate Test – Form A: Fashion*
	24. Contrôle alternatif – Version B : La mode*	24. Alternate Test – Form B: Fashion*
	25. Glossaire et références	25. Glossary and Credits

Unit 9: Au Musée D'art		
Assignments		
French II	1. Les beaux-arts	1. The Fine Arts
	2. Les mouvements artistiques en France	2. Art Movements in France
	3. L'histoire à travers l'art	3. History in Art
	4. La statue de la liberté	4. The Statue of Liberty
	5. Interrogation 1 : L'art	5. Quiz 1: Art
	6. Interrogation alternative - Version A : L'art*	6. Alternate Quiz - Form A: Art*
	7. Interrogation alternative - Version B : L'art*	7. Alternate Quiz - Form B: Art*
	8. Le musée du Louvre	8. The Louvre Museum
	9. Un vol au musée	9. A Robbery at the Museum
	10. Plus d'expressions négatives	10. More Negative Expressions
	11. Dossier : On a volé la Joconde	11. Project: Mona Lisa Stolen
	12. Dossier : Un article dans le journal	12. Project: A Newspaper Article
	13. Les impressionnistes	13. The Impressionists
	14. Les descriptions	14. Descriptions
	15. Interrogation 2 : Au musée	15. Quiz 2: At the Museum
	16. Interrogation alternative - Version A : Au musée*	16. Alternate Quiz - Form A: At the Museum*
	17. Interrogation alternative - Version B : Au musée*	17. Alternate Quiz - Form B: At the Museum*
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Au musée d'art	20. Test: At the Art Museum
	21. Contrôle alternatif - Version A : Au musée d'art*	21. Alternate Test – Form A: At the Art Museum*
	22. Contrôle alternatif - Version B : Au musée d'art*	22. Alternate Test – Form B: At the Art Museum*
	23. Glossaire et références	23. Glossary and Credits

Unit 10: À la Plage		
Assignments		
French II	1. Les îles tropicales francophones	1. Francophone Tropical Islands
	2. Réserver un hôtel	2. Reserving a Hotel
	3. Les activités à faire pendant les vacances	3. Things to Do on Vacation
	4. Dossier : Comparer les hôtels	4. Project : Hotel Comparison
	5. Interrogation 1 : Les hôtels	5. Quiz 1 : Hotels
	6. Interrogation alternative – Version A : Les hôtels*	6. Alternate Quiz – Form A : Hotels*
	7. Interrogation alternative – Version B : Les hôtels*	7. Alternate Quiz – Form B : Hotels*
	8. Le pronom y	8. The Pronoun Y
	9. Comment y allez-vous ?	9. How Do You Get There?
	10. Interrogation 2 : Les modes de transport	10. Quiz 2 : Modes of Transportation
	11. Interrogation alternative – Version A : Les modes de transport*	11. Alternate Quiz – Form A : Modes of Transportation*
	12. Interrogation alternative – Version B : Les modes de transport*	12. Alternate Quiz – Form B : Modes of Transportation*
	13. La cuisine guadeloupéenne	13. Guadeloupean Food
	14. Le pronom en	14. The Pronoun En
	15. Dossier : Des cartes postales	15. Project : Postcards
	16. Interrogation 3 : La cuisine guadeloupéenne	16. Quiz 3 : Guadeloupean Cooking
	17. Interrogation alternative – Version A : La cuisine guadeloupéenne*	17. Alternate Quiz – Form A : Guadeloupean Cooking*
	18. Interrogation alternative – Version B : La cuisine guadeloupéenne*	18. Alternate Quiz – Form B : Guadeloupean Cooking*
	19. Dossier spécial*	19. Special Project*
	20. Révision	20. Review
	21. Contrôle : À la plage	21. Test: At the Beach
	22. Contrôle alternatif – Version A : À la plage*	22. Alternate Test – Form A: At the Beach*
	23. Contrôle alternatif – Version B : À la plage*	23. Alternate Test – Form B: At the Beach*
	24. Glossaire et références	24. Glossary and Credits

Unit 11: Les Rites de Passage		
Assignments		
French II	1. Les rites de passage	1. Rites of Passage
	2. L'enfance	2. Childhood
	3. Les événements de l'adolescence	3. Events in Adolescence
	4. Le permis de conduire en Europe	4. Driver's License in Europe
	5. Interrogation 1 : Les souvenirs	5. Quiz 1: Memories
	6. Interrogation alternative - Version A : Les souvenirs*	6. Alternate Quiz - Form A: Memories*
	7. Interrogation alternative - Version B : Les souvenirs*	7. Alternate Quiz - Form B: Memories*
	8. Les verbes réguliers au futur simple	8. The Simple Future Tense of Regular Verbs
	9. Les verbes irréguliers au futur simple	9. The Simple Future Tense of Irregular Verbs
	10. Dossier : Mes projets d'avenir	10. Project: My Plans for the Future
	11. Interrogation 2 : L'avenir	11. Quiz 2: The Future
	12. Interrogation alternative - Version A : L'avenir*	12. Alternate Quiz - Form A: The Future*
	13. Interrogation alternative - Version B : L'avenir*	13. Alternate Quiz - Form B: The Future*
	14. Le mariage en France	14. Weddings in France
	15. Le mariage aux pays francophones	15. Weddings in Francophone Countries
	16. Un mariage royal	16. A Royal Wedding
	17. Dossier : Les rites de passage dans quelques pays francophones	17. Project: Rites of Passage in Some Francophone Countries
	18. Interrogation 3 : Le mariage	18. Quiz 3: Marriage
	19. Interrogation alternative - Version A : Le mariage*	19. Alternate Quiz - Form A: Marriage*
	20. Interrogation alternative - Version B : Le mariage*	20. Alternate Quiz - Form B: Marriage*
	21. Dossier spécial*	21. Special Project*
	22. Révision	22. Review
	23. Contrôle : Les rites de passage	23. Test: Rites of Passage
	24. Contrôle alternatif - Version A : Les rites de passage*	24. Alternate Test – Form A: Rites of Passage*
	25. Contrôle alternatif - Version B : Les rites de passage*	25. Alternate Test – Form B: Rites of Passage*
	26. Glossaire et références	26. Glossary and Credits

Unit 12: Révision et Contrôle Semestriel		
Assignments		
French II	1. Révision	1. Review
	2. Contrôle	2. Exam
	3. Contrôle alternatif - Version A*	3. Alternate Exam—Form A*
	4. Contrôle alternatif - Version B*	4. Alternate Exam—Form B*

General Science III

General Science III is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on General Science I and II courses. Some of the areas covered in General Science III include the structure of matter, atomic nuclei and radioactivity, geology, oceanography, astronomy, microbiology, medicine, and science today and in the future.

Students at this level should show development in their ability and understanding of scientific inquiry. Some of the units contain experiments and projects that seek to develop meaning for the student and to engage the student actively. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the atomic structure of different elements.
- Calculate and measure volume, mass, and density for different objects.
- Identify different types of geological changes.
- Discuss how the layers of the earth's crust can show history.
- Describe the different parts of the ocean, both living and non-living.
- Explain the differences in the stars and constellations.
- Distinguish between bacterial infections, viral infections, and other types of infections.
- Develop a plan to prevent and treat common diseases through proper health.
- Demonstrate an understanding of the resources of the earth and what is needed to conserve those resources.

Unit 1: Our Atomic World	
General Science III	Assignments
	1. Course Overview
	2. Structure of Matter
	3. Quiz 1: Structure of Matter
	4. Radioactivity
	5. Quiz 2: Radioactivity
	6. Atomic Nuclei
	7. Quiz 3: Atomic Nuclei
	8. Nuclear Energy
	9. Essay: Reactors
	10. Quiz 4: Nuclear Energy
	11. Applications and Environmental Hazards
	12. Quiz 5
	13. Special Project*
	14. Test
	15. Alternate Test*
16. Reference	

Unit 2: Volume, Mass, and Density	
General Science III	Assignments
	1. Volume
	2. Experiment: Determining Volume
	3. Quiz 1: Volume
	4. Mass
	5. Experiment: Mass of Gas
	6. Quiz 2: Mass
	7. Density
	8. Quiz 3: Density
	9. Special Project*
	10. Test
	11. Alternate Test*
12. Reference	

Unit 3: Physical Geology		
Assignments		
General Science III	1. Earth Structures	11. Earth Movements
	2. Internal Structures	12. Experiment: Specific Gravity
	3. Igneous Structures	13. Experiment: Gravity
	4. Essay: Volcanic Eruptions	14. Plate Tectonics
	5. Mountains	15. Quiz 3: Earth Movements
	6. Quiz 1: Earth Structures	16. Special Project*
	7. Earth Changes	17. Test
	8. Erosion and Sediment	18. Alternate Test*
	9. Oceans	19. Reference
	10. Quiz 2: Earth Changes	

Unit 4: Historical Geology		
Assignments		
General Science III	1. An Observational Science	7. Absolute Time
	2. Sedimentary Rock	8. Quiz 2: Measuring Time
	3. Fossils	9. Special Project*
	4. Crustal Changes	10. Test
	5. Quiz 1: An Observational Science	11. Alternate Test*
	6. Measuring Time	12. Reference

Unit 5: Oceanography		
Assignments		
General Science III	1. Chronology and Techniques for Investigation	9. Chemistry of the Ocean
	2. Major Discoveries and Submersible Research	10. Physical Properties of the Ocean
	3. Essay: The Moon and Tides	11. Essay: Marine Report
	4. Quiz 1: The History of Oceanography	12. Quiz 3: Biological, Physical, and Chemical Properties
	5. Geological Structure and Results of Profiling	13. Special Project*
	6. Turbidity, Sedimentation, and Currents	14. Test
	7. Quiz 2: Geology of the Ocean	15. Alternate Test*
	8. Biology of the Ocean	16. Reference

Unit 6: Astronomy		
Assignments		
General Science III	1. Presuppositions	9. Quiz 2: Telescopes and Optics
	2. Extent of the Universe	10. Space Explorations
	3. Constellations	11. Quiz 3: Space Explorations
	4. Measuring the Universe	12. Special Project*
	5. Quiz 1: The Universe	13. Test
	6. Gathering Light and Types of Telescopes	14. Alternate Test*
	7. Other Types of Telescopes	15. Reference
	8. Essay: Telescopes	

Unit 7: Body Health (Part 1)		
Assignments		
General Science III	1. Microorganisms	12. More Serious Viral Infections
	2. Categories of Pathogenic Organisms	13. Quiz 3: Viral Infections
	3. Characteristics of Infectious Diseases	14. Protozoan Infections
	4. Essay: Medical Science	15. Rickettsial Infections
	5. Quiz 1: Microorganisms	16. Fungal Infections
	6. Digestive Infections	17. Quiz 4: Protozoan, Rickettsial, and Fungal Infections
	7. Respiratory Infections	18. Special Project*
	8. Nervous System Infections	19. Test
	9. Quiz 2: Bacterial Infections	20. Alternate Test*
	10. Common Viral Infections	21. Reference
	11. Childhood Viral Infections	

Unit 8: Body Health (Part 2)		
Assignments		
General Science III	1. Body Defense Mechanisms	8. Governmental Agencies and Volunteer Groups
	2. Medical Drugs	9. Medical and Drug Control Organizations
	3. Essay: Chemotherapy	10. Quiz 3: Community Agencies
	4. Quiz 1: Disease Treatment	11. Special Project*
	5. Environmental Conditions	12. Test
	6. Medical Advances and Total Health	13. Alternate Test*
	7. Quiz 2: Disease Prevention	14. Reference

Unit 9: Science and Tomorrow		
Assignments		
General Science III	1. Ecology	9. Outer Space
	2. Agriculture and Waste	10. Inner Space and Self Exploration
	3. Population	11. Quiz 3: People and Their New Frontiers
	4. Quiz 1: People and Their Land	12. Special Project*
	5. Energy Sources	13. Test
	6. Debate: Fossil Fuels, Nuclear/Natural Power	14. Alternate Test*
	7. Industry, Transportation, and Urbanization	15. Reference
	8. Quiz 2: People and Their Work Environment	

Unit 10: Review		
Assignments		
General Science III	1. Nuclear Power	9. Practical Health
	2. The Metric System	10. Population and Environment
	3. Quiz 1: Nuclear Power	11. Quiz 4: Practical Health
	4. Weight Versus Mass	12. Special Project*
	5. Quiz 2: Weight Versus Mass	13. Test
	6. Deposition Versus Erosion	14. Alternate Test*
	7. The Oceans, Continents; Earth in Space	15. Reference
	8. Quiz 3: Deposition Versus Erosion	

Health Quest

Health Quest is a health science elective course for upper elementary and junior high students. The curriculum introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Unit 1: Your Body	
Assignments	
Health Quest	1. Course Overview
	2. The "Stuff" You're Made Of
	3. Experiment: Calcium
	4. Quiz 1: The "Stuff" You're Made Of
	5. Alternate Quiz 1: The "Stuff" You're Made Of *
	6. Your Breathe and Blood
	7. Experiment: The Heart
	8. Your Food Goes Where?
	9. What's Your Nervous System?
	10. Chomping, Winking and Listening
	11. Quiz 2: Your Breathe and Blood
12. Alternate Quiz 2: Your Breathe and Blood*	
13. Growing and Changing	
14. Keeping your Body Clean	
15. You're Growing Up: Hello Adolescence!	
16. You've Grown Up: Nice to Meet You, Adulthood!	
17. Quiz 3: Growing and Changing	
18. Alternate Quiz 3: Growing and Changing*	
19. Special Project*	
20. Test	
21. Alternate Test*	
22. Glossary and Credits	

Unit 2: Your Feelings, Emotions, and Behaviors	
Assignments	
Health Quest	1. How Are You Feeling Today?
	2. How Do I Make the Right Choice?
	3. Project: Physical Play
	4. Quiz 1: Your Feelings, Emotions, and Behaviors
	5. Alternate Quiz 1: Your Feelings, Emotions and Behaviors*
	6. Social Skill Savvy
	7. Me and My Family
	8. I Am a Good Friend
	9. Quiz 2: Social Skill Savvy
	10. Alternate Quiz 2: Social Skill Savvy*
	11. Special Project*
	12. Test
	13. Alternate Test *
	14. Glossary and Credits

Unit 3: Your Nutrition and Fitness				
Assignments				
Health Quest	1.	You Are What You Eat!	13.	Let's Go Play!
	2.	What's In the Food You're Eating?	14.	Experiment: Exercise
	3.	Project: Nutrients	15.	Fitness Fun!
	4.	Project: Junk Food	16.	Project: Fitness Program
	5.	Activity: Advertisement*	17.	Activity: Improvements
	6.	Quiz 1: You Are What You Eat!	18.	Quiz 3: Let's Go Play!
	7.	Alternate Quiz 1: You Are What You Eat!*	19.	Alternate Quiz 3: Let's Go Play!*
	8.	Your Healthy Eating Habits	20.	Special Project*
	9.	My Plate	21.	Test
	10.	Project: Menu Planner	22.	Alternate Test*
	11.	Quiz 2: Your Healthy Eating Habits	23.	Glossary and Credits
	12.	Alternate Quiz 2: Your Healthy Eating Habits*		

Unit 4: Play it Safe!				
Assignments				
Health Quest	1.	Avoiding Accidents	11.	Quiz 2: Emergency! First Aid
	2.	Safety in Your Home	12.	Alternate Quiz 2: Emergency! First Aid*
	3.	Project: Fire Escape	13.	Dodging Disease
	4.	Safety in Your Community	14.	Quiz 3: Dodging Disease
	5.	Project: Safety Check	15.	Alternate Quiz 3: Dodging Disease*
	6.	Quiz 1: Playing it Safe!	16.	Special Project*
	7.	Alternate Quiz 1: Playing it Safe!*	17.	Test
	8.	Emergency! Your First Aid Answers	18.	Alternate Test*
	9.	Project: Heimlich Maneuver	19.	Glossary and Credits
	10.	Project: First Aid Kit		

Unit 5: Being a Good Steward				
Assignments				
Health Quest	1.	Being a Good Steward of God's Creation	9.	Project: Poison Control
	2.	How Can I Prevent Pollution?	10.	Project: Expiration Dates
	3.	Project: Pollutants	11.	Quiz 2: Showing Stewardship for Yourself
	4.	Project: Recycle	12.	Alternate Quiz 2: Showing Stewardship for Yourself*
	5.	Project: Conserve	13.	Project: Letter
	6.	Quiz 1: Being a Good Steward of God's Creation	14.	Special Project*
	7.	Alternate Quiz 1: Being a Good Steward of God's Creation*	15.	Test
	8.	Showing Stewardship for Yourself	16.	Alternate Test*
		17.	Glossary and Credits	

High School Health

High School Health is a health science elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Unit 1: Body Essentials		
Assignments		
High School Health	1. Course Overview	11. Growth and Development
	2. The Head and Crown of Creation	12. Activity: Fetal Development
	3. Anatomy and Physiology	13. Childhood Development
	4. Quiz 1: Building Blocks of the Body	14. Adolescence
	5. Nervous System and Circulatory System	15. Adulthood
	6. Activity: Your Adaptive Heart	16. Activity: Interviewing an Older Person
	7. Respiratory, Skeletal, and Muscular System	17. Quiz 3: Stages of Development
	8. Digestive, Excretory, Endocrine, and Integumentary System	18. Special Project
	9. Immune, Lymphatic, and Reproductive System	19. Test
	10. Quiz 2: Body Systems	20. Alternate Test
	21. Reference	

Unit 2: Physical Health		
Assignments		
High School Health	1. Benefits of Proper Nutrition	12. Exercise and Physical Fitness
	2. Carbohydrates	13. Activity: Heart Rate
	3. Vitamins	14. Muscular Endurance and Strength
	4. Activity: Your Favorite Foods	15. Exercise Program
	5. Quiz 1: Essentials of Nutrition	16. Activity: How Fit Are You?*
	6. Developing Proper Eating Habits	17. Quiz 3: Exercise and Physical Fitness
	7. Dairy Group and Protein Group	18. Special Project*
	8. Activity: Got Calcium?*	19. Test
	9. Food, God's Tasty Gift	20. Alternate Test*
	10. Healthy Eating Habits	21. Reference
	11. Quiz 2: Eating the Right Foods	

Unit 3: Social and Mental Health	
Assignments	
High School Health	1. Aspects of Health
	2. Love
	3. Activity: Examine Yourself
	4. Mental and Emotional Health
	5. Quiz 1: Mental, Social, and Emotional Health
	6. Social Health
	7. Friends
	8. Speaking in Love
	9. Quiz 2: Social Interaction
10. Personal Hygiene	
11. Teeth, Mouth, Eyes, and Ears	
12. Activity: Hygiene Habits	
13. Quiz 3: Personal Hygiene	
14. Special Project*	
15. Test	
16. Alternate Test*	
17. Reference	

Unit 4: Preventative Health Care and First Aid	
Assignments	
High School Health	1. Safety
	2. Home Safety
	3. Home Safety II
	4. Home Safety III
	5. Activity: Home Safety
	6. Quiz 1: Home Safety
	7. Safety Guidelines
	8. Personal Safety
	9. Activity: Moving Violations
	10. Water Safety
	11. Weather Safety
	12. Quiz 2: Personal Safety and the Environment
13. First Aid	
14. Activity: First Aid Kit	
15. Evaluating the Scene	
16. Wounds and Bleeding	
17. Burns and Other Emergencies	
18. Activity: Making a Splint	
19. Hypothermia and Frostbite	
20. Quiz 3: First Aid	
21. Special Project*	
22. Test	
23. Alternate Test*	
24. Reference	

Unit 5: Responsible Living	
Assignments	
High School Health	1. Disease and Prevention
	2. Childhood Immunizations
	3. Activity: Your Shots
	4. Non-Infectious Diseases
	5. Activity: Major Diseases
	6. Health Care
	7. Activity: Visit the Sick
	8. Quiz 1: Diseases and Health Care
	9. Drug Use and Abuse
	10. Drug Use and Abuse 2
	11. Alcohol
	12. Activity: Interview on Alcohol Use
13. Tobacco	
14. Activity: Smoking, A Wise Choice?	
15. Quiz 2: Substance Abuse	
16. Health and the Environment	
17. Activity: Mother Earth	
18. Water Essentials	
19. Sexually Transmitted Diseases	
20. Quiz 3: Health, Pollution, and the Environment	
21. Special Project*	
22. Test	
23. Alternate Test*	
24. Reference	

Introduction to Computer Science

Computers are an integral part of many of our lives and help us to accomplish many different tasks. Computer science careers are one of the fastest growing careers in the world and certainly in the United States. Educating students about careers in computer science is beneficial to both students our global marketplace. In this course students will see and experience much of what computer scientists do. They will start programming in the first unit and continue throughout the course. They will also explore the hardware and software that make computers work. Projects are assigned throughout the course that allow students to not only write programs, but to design networks, plan a mobile app for a smartphone, analyze big data, and more. Students who complete the course will know how to address accessibility issues to make the Internet accessible to all, how to help protect themselves from security threats, make informed decisions based on ethical and legal issues, and learn skills to use when working with a diverse team. Not only will students explore the wide spectrum of computer science careers, but they will also survey the history of computers and explore emerging technologies and issues.

- **Unit 1: Computer Science Then and Now:** Computers have had an enormous impact on social, ethical, economic, and cultural issues. Students will examine how computers developed and technologies that are just now being developed. Telehealth is changing how doctors deliver care. Virtual and augmented reality allow people to experience adventures and training without leaving home. Students will also gain a working knowledge of a computer and begin programming in Python, which is a free, open-source Integrated Design Environment. Flowcharts and pseudocode are used to plan how to solve a problem. Students will also investigate five computer science fields to help them begin thinking about career paths.
- **Unit 2: Hardware and Software:** Have you thought about how computers communicate? Computers communicated in ones and zeros, so all information has to be translated to binary. Then the signal has to be transmitted through a network. Students will explore how the World Wide Web began and how networks are organized. They will also investigate the software that makes computers useful and the ways information is stored.
- **Unit 3: Computational Thinking:** A high-level program such as Python allows students to write code that is very readable. Variables are used to store numbers, text, and other data types. Students will write programs that ask for user input, process the response, and display the result. They will make decisions that allow the response to fit the data provided. As programs become more complex, the importance of planning rises. Students will plan, implement, and test programs. They will also examine difficulties faced by those with mental and physical challenges and identify solutions.
- **Unit 4: Control Structures and Data Types:** Programs can be made more efficient in several ways. Programming languages use loops to perform repetitive tasks. Functions enable programmers to reuse code in many applications. Large amounts of data can be organized into collections, such as lists, tuples, and dictionaries. Students will create their own user-defined data type. Every programmer makes mistakes and users often make mistakes when entering data. Error handling provide a built-in mechanism of dealing with user errors and preventing programs from crashing.
- **Unit 5: Classes, Analyzing Data, and Arrays:** Object-oriented programming (OOP) increases efficiency and protects code contained in the object. OOP is the computer version of reduce-reuse-recycle. Classes and libraries enable programmers to use the work already done by themselves or other programmers. The math, random, and other libraries are used. In this unit students will also explore real-world data and write a guessing game program.
- **Unit 6: Semester Review and Exam:** Students will prepare for and take the semester exam.
- **Unit 7: Programming Algorithms:** Up to this point, once a program was finished the information was not saved. In this unit the student will be able to save the output of a program in files. Being able to read from and write to files allow you to analyze vast quantities of real-world data. Another aspect of real-world programming is gathering and responding to customer feedback. Students will use string formatting and

color choices to make a program's output more readable for greater accessibility. Programming is not an end in itself. Students will investigate how algorithms are used in different disciplines and examine how other programming languages are used.

- **Unit 8: Design and Development:** The Software Development Life Cycle (SDLC) models the stages of software development: planning, design, coding, testing, release, and maintenance. Students will design, code, and test applications such as web pages, a guessing game that uses the random library, and learn the best practices for working alone and with a team. They examined a variety of development tools such as those used to create mobile apps and how VPython can model physical phenomena. They will also consider how versioning is used during the maintenance phase.
- **Unit 9: Laws and Security:** Laws are critical to those who use and work with computers. Intellectual property laws protect writers, programmers, artists, and other creators of original work. Cybersecurity issues demand tradeoffs between safety and usability. The damage done by hackers and the cost of security measures have a huge economic impact. Students will write a program to evaluate the strength of a password and conduct independent research into legal and security issues.
- **Unit 10: Ethics:** Ethics are even more important than legal issues. What is legal is not always ethical. Students will explore bias and equity, ethics, and online etiquette. They will identify sources of bias for the physically and mentally challenged and strategies for addressing that bias. In some countries, the government controls the information available on the Internet, a form of information censorship. Economic conditions can limit access to the Internet. Diversity is addressed by examining how cultural differences affect members of a team.
- **Unit 11: Applications:** This unit explores a variety of ways computers are used and ways students can find a career in the field. The unit begins with learning more about web design, two styles of programming, and how music and video are represented on a computer. Students will write a program to create art. In the project, students will design a mobile app, get feedback from others, and improve their design. They will also implement a game that uses artificial intelligence. The unit ends with workplace topics: being the kind of worker others want to work beside, being safe in the workplace, providing customer service, and exploring the preparation needed for a computer science career.
- **Unit12: Semester Review and Exam:** Students will prepare for and take the semester exam.
- **Unit 13: Final Review and Exam:** Students will prepare for and take the final exam.

Unit 1: Computer Science Then and Now		
Assignments		
Introduction to Computer Science	1. Course Overview	13. Computer Scientists
	2. The Big Picture	14. Quiz 3: Planning and Changes
	3. Where are We Going?	15. Five Computer Science Fields
	4. Where Did it Get Started?	16. Scalability
	6. Computer Terminology	17. Career Spotlight: Ada Lovelace
	8. Program Execution	18. Quiz 4: Scalability and Computer Scientists
	9. Quiz 2: Computer Terminology and Python Installation	19. Review: Computer Science Then and Now
	10. Do You Have a Plan?	20. Test: Computer Science Then and Now
	11. Project: Make a Plan	21. Glossary and Credits
	12. How Computers Have Changed Your World	

Unit 2: Hardware and Software		
Assignments		
Introduction to Computer Science	1. Binary World	13. Quiz 3: Network Types and Operating Systems
	2. How Do We Communicate?	14. Software
	3. Quiz 1: Bits and Communication	15. File Types and Storing Programs
	4. The WWW	16. Choosing Hardware and Software
	6. Computer Networking Basics	17. Project: Network Design
	8. Network Protocol	18. Career Spotlight: Grace Murray Hopper
	9. Quiz 2: Networks	19. Quiz 4: File Types, Hardware, and Software
	10. Transmitting Data	20. Review: Hardware and software
	11. Local Versus Wide Area	21. Test: Hardware and software
	12. Operational Systems	22. Glossary and Credits

Unit 3: Computational Thinking		
Assignments		
Introduction to Computer Science	1. Abstracts	13. Quiz 3: Accessibility and Strings
	2. Data Types	14. Design Specifications
	3. Manipulating Data Types	15. Computational Models
	4. Quiz 1: Data Types and Operations	16. Math and Computer Science Connections
	6. Variables and Numerical Operations	17. Project: Programming a Math Algorithm
	8. Input and Output	18. Career Spotlight: Bill Gates
	9. Making Decisions	19. Quiz 4: Design and Computational Models
	10. Quiz 2: Input, Output, and Making Decisions	20. Review: Computational Thinking
	11. Accessibility	21. Test: Computational Thinking
	12. Manipulating Strings	22. Glossary and Credits

Unit 4: Control Structures and Data Types		
Assignments		
Introduction to Computer Science	1. For Loops	13. Dictionaries
	2. While Loops	14. Quiz 3: Tuples and Dictionaries
	3. Nested Loops	15. User-Defined Data Types
	4. Quiz 1: Loops and Functions	16. Finding and Handling Errors
	6. Using Functions	17. Project: Math Tutor Program with Error Handling
	8. Scope and Parameters	18. Career Spotlight: Donald Knuth
	9. Lists	19. Quiz 4: User-Defined Data Types and Error Handling
	10. Quiz 2: Scope and Lists	20. Review: Control Structures and Data Types
	11. Collections	21. Test: Control Structures and Data Types
	12. Tuples	22. Glossary and Credits

Unit 5: Classes, Analyzing Data, and Arrays			
Assignments			
Introduction to Computer Science	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. Classes 2. Class Structure 3. Implementing Object-Oriented Programming 4. Quiz 1: Classes 6. The Python Standard Library 8. Math Functions 9. Searching 10. Quiz 2: Functions and Searching 11. Sorting 12. Arrays </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 13. Multidimensional Arrays 14. Quiz 3: Sorting and Arrays 15. Analyzing Data 16. Project: Big Data Research Project 17. Guessing Game 18. Career Spotlight: Alvy Ray Smith 19. Quiz 4: Analyzing Data and Games 20. Review: Classes, Analyzing Data, and Arrays 21. Test: Classes, Analyzing Data, and Arrays 22. Glossary and Credits </td> </tr> </table>	<ol style="list-style-type: none"> 1. Classes 2. Class Structure 3. Implementing Object-Oriented Programming 4. Quiz 1: Classes 6. The Python Standard Library 8. Math Functions 9. Searching 10. Quiz 2: Functions and Searching 11. Sorting 12. Arrays 	<ol style="list-style-type: none"> 13. Multidimensional Arrays 14. Quiz 3: Sorting and Arrays 15. Analyzing Data 16. Project: Big Data Research Project 17. Guessing Game 18. Career Spotlight: Alvy Ray Smith 19. Quiz 4: Analyzing Data and Games 20. Review: Classes, Analyzing Data, and Arrays 21. Test: Classes, Analyzing Data, and Arrays 22. Glossary and Credits
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Unit 6: Semester 1 Review and Exam	
Assignments	
ICS	<ol style="list-style-type: none"> 1. Semester 1 Review: Introduction to Computer Science 2. Semester 1 Exam: Introduction to Computer Science

Unit 7: Programming Algorithms			
Assignments			
Introduction to Computer Science	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. Reading a File 2. Writing to a File 3. Searching Complex Data 4. Project: Big Data Programming 6. Quiz 1: Reading, Writing, and Searching a File 8. Analyzing Images 9. Evaluating Your Program 10. Using Events 11. Quiz 2: Analyzing Images and Program Evaluation 12. Customer Relations </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 13. Refining Your Program 14. Programming Across Disciplines 15. Quiz 3: Events and Customers 16. Other Languages 17. String Formatting 18. Career Spotlight: George Lucas 19. Quiz 4: Language and String Formatting 20. Review: Programming Algorithms 21. Test: Programming Algorithms 22. Glossary and Credits </td> </tr> </table>	<ol style="list-style-type: none"> 1. Reading a File 2. Writing to a File 3. Searching Complex Data 4. Project: Big Data Programming 6. Quiz 1: Reading, Writing, and Searching a File 8. Analyzing Images 9. Evaluating Your Program 10. Using Events 11. Quiz 2: Analyzing Images and Program Evaluation 12. Customer Relations 	<ol style="list-style-type: none"> 13. Refining Your Program 14. Programming Across Disciplines 15. Quiz 3: Events and Customers 16. Other Languages 17. String Formatting 18. Career Spotlight: George Lucas 19. Quiz 4: Language and String Formatting 20. Review: Programming Algorithms 21. Test: Programming Algorithms 22. Glossary and Credits
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Unit 8: Design and Development			
Assignments			
Introduction to Computer Science	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. The Software Development Process 2. Using the Internet 3. Can Anything Be Random? 4. Quiz 1: Software Development, the Internet, and Randomness 6. Create a Game 8. Managing a Team 9. Best Practices 10. Quiz 2: Designing a Game and Teams 11. Multiple Computing Platforms 12. The License Police </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 13. Visual Python 14. Quiz 3: Platforms and Licensing 15. VPython Applications 16. Global Connections 17. Project: Design and Development 18. Career Spotlight: Steve Sfartz 19. Quiz 4: VPython and Global Connections 20. Review: Design and Development 21. Test: Design and Development 22. Glossary and Credits </td> </tr> </table>	<ol style="list-style-type: none"> 1. The Software Development Process 2. Using the Internet 3. Can Anything Be Random? 4. Quiz 1: Software Development, the Internet, and Randomness 6. Create a Game 8. Managing a Team 9. Best Practices 10. Quiz 2: Designing a Game and Teams 11. Multiple Computing Platforms 12. The License Police 	<ol style="list-style-type: none"> 13. Visual Python 14. Quiz 3: Platforms and Licensing 15. VPython Applications 16. Global Connections 17. Project: Design and Development 18. Career Spotlight: Steve Sfartz 19. Quiz 4: VPython and Global Connections 20. Review: Design and Development 21. Test: Design and Development 22. Glossary and Credits
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Unit 9: Laws and Security	
Introduction to Computer Science	Assignments
	1. Intellectual Property Law
	2. Privacy Concerns
	3. Malware
	4. Quiz 1: Intellectual Property, Privacy, and Malware
	6. Cybersecurity Measures
	8. Media Reliability Concerns
	9. Impact of Cybercrime
	10. Quiz 2: Cybersecurity and Media Reliability
	11. Workplace Crime
	12. Hackers and Unauthorized Access
	13. Solutions to Security Issues
14. Quiz 3: Workplace Crime and Hackers	
15. Write Password Evaluator	
16. How "Useless" Math Research Made the Internet Safer	
17. Project: Research Project	
18. Career Spotlight: Peter Norton	
19. Quiz 4: Security Solutions	
20. Review: Laws and Security	
21. Test: Laws and Security	
22. Glossary and Credits	

Unit 10: Ethics	
Introduction to Computer Science	Assignments
	1. Digital Citizenship
	2. Bias and Equity
	3. Ethics
	4. Quiz 1: Digital Citizenship, Bias, Equity, and Ethics
	6. Social Networking Issues
	8. Digital Etiquette
	9. Global Information Concerns
	10. Quiz 2: Social Issues and Global Concerns
	11. Collaboration Ethics
	12. Information Censorship
	13. Emerging Ethical Issue
14. Quiz 3: Collaboration Ethics and Information Censorship	
15. Cultural Differences in a Team	
16. Project: Programming as a Team	
17. Online Education Issues	
18. Career Spotlight: Cheiko Asakawa	
19. Quiz 4: Emerging Ethical Issues	
20. Review: Ethics	
21. Test: Ethics	
22. Glossary and Credits	

Unit 11: Applications	
Introduction to Computer Science	Assignments
	1. Web Programming
	2. Block Programming
	3. Pair Programming
	4. Quiz 1: Programming Methods
	6. Music and Video Files
	8. Python Art
	9. Application and Program Interfaces
	10. Quiz 2: Media and APIs
	11. Can You Beat the Computer?
	12. Mobile Applications
	13. Project: Create a Mobile App
14. Would You Want to Work with You?	
15. Quiz 3: Mobile Apps and Work Readiness	
16. Should You Work Here?	
17. Project: You Are Tech Support	
18. Career Organizations	
19. Career Spotlight: Preparing for a Computer Science Career	
20. Quiz 4: Careers	
21. Review: Applications	
22. Test: Applications	
23. Glossary and Credits	

Unit 12: Semester 2 Review and Exam	
ICS	Assignments
	1. Semester 2 Review: Introduction to Computer Science
	2. Semester 2 Exam: Introduction to Computer Science

ICS	Unit 13: Final Exam
	Assignments
	<ol style="list-style-type: none">1. Course Review: Introduction to Computer Science2. Final Exam: Introduction to Computer Science

(*) Indicates alternative assignment

Music Appreciation

The goal of this semester-long course is to provide instruction in basic musical elements, trace the development and growth of classical music, and give students a strong foundation for a greater appreciation of music. Students will examine music in the world around them and discover how they experience music. They'll be introduced to the basic elements and sounds of music and instruments. Students will learn the names and backgrounds of several famous musical composers. Students will also learn how and where classical music began, how it developed over the centuries, and the ways in which music and culture affect each other. Lastly, students will examine the ways modern music has been influenced by classical music.

This course also provides students with lessons in engaged listening. These special lessons allow students to listen and respond to music. A template for how to listen and respond is provided.

- **Discovering Music:** Students will learn the basics of listening to, responding to, and participating in music, including completing independent projects that utilize engaged listening skills; students will also understand music from other cultures.
- **Music Fundamentals:** Students will understand the fundamentals of music, including key concepts such as rhythm, melody, harmony, form, expression, and the types and categories of musical instruments.
- **Beginnings of Music:** Students will examine early music history, spanning from medieval times to the Baroque era, and complete focused research and writing projects on the topic.
- **Developing Music:** Students will explore a variety of classical and romantic music, continuing to participate in independent engaged listening projects to continue advancement of key skills.
- **Modern Music:** Students will focus on music of the twentieth-century, including popular, Broadway, and film music, culminating in project requiring students to attend and critique a classical concert in their community.
- **Course Review and Exam:** Students will complete a full review of key course concepts, and demonstrate their mastery through a final examination.

Unit 1: Discovering Music	
Assignments	
Music Appreciation	1. Course Overview
	2. Appreciating Music
	3. Listening to Music
	4. Responding to Music
	5. Participating in Music
	6. Project: Music Response
	7. Quiz 1: The Music Experience
	8. Alternate Quiz 1 - Form A: The Music Experience*
	9. Alternate Quiz 1 - Form B: The Music Experience*
	10. Why Study Classical Music?
	11. Music in Other Cultures
	12. Folk Music
	13. Ethnic Music
	14. Project: Find Your Musical Heritage
	15. Project: Engaged Listening
	16. Quiz 2: Music in Society
	17. Alternate Quiz 2 - Form A: Music in Society*
	18. Alternate Quiz 2 - Form B: Music in Society*
	19. Special Project*
	20. Review
	21. Test
	22. Alternate Test - Form A*
	23. Alternate Test - Form B*
	24. Glossary and Credits

Unit 2: Music Fundamentals		
Assignments		
Music Appreciation	1. Rhythm	13. Musical Ensembles
	2. Melody	14. Project: Engaged Listening
	3. Harmony	15. Project: Creative Instrumentation
	4. Form	16. Quiz 2: Making Music
	5. Expression	17. Alternate Quiz 2 - Form A: Making Music*
	6. Project: Engaged Listening	18. Alternate Quiz 2 - Form B: Making Music*
	7. Project: Music Response	19. Special Project*
	8. Quiz 1: Understanding Music	20. Review
	9. Alternate Quiz 1 - Form A: Understanding Music*	21. Test
	10. Alternate Quiz 1 - Form B: Understanding Music*	22. Alternate Test - Form A*
	11. Wind Instruments	23. Alternate Test - Form B*
	12. Stringed Instruments & Beyond	24. Glossary and Credits

Unit 3: Beginnings of Music		
Assignments		
Music Appreciation	1. Life in Medieval Times	14. Baroque Composers
	2. Music of the Medieval Era	15. Project: Engaged Listening
	3. Renaissance Life	16. Project: Patron of the Arts
	4. Music of the Renaissance	17. Quiz 2: The Baroque Era (1600-1750)
	5. Project: Engaged Listening	18. Alternate Quiz 2 - Form A: The Baroque Era (1600-1750)*
	6. Project: Renaissance Moods	19. Alternate Quiz 2 - Form B: The Baroque Era (1600-1750)*
	7. Quiz 1: Medieval and Renaissance Eras	20. Special Project*
	8. Alternate Quiz 1 - Form A: Medieval and Renaissance Eras*	21. Review
	9. Alternate Quiz 1 - Form B: Medieval and Renaissance Eras*	22. Test
	10. Life during Baroque Times	23. Alternate Test - Form A*
	11. Baroque Musical Style	24. Alternate Test - Form B*
	12. Baroque Forms and Genres	25. Glossary and Credits
	13. The Birth of Opera	

Unit 4: Developing Music		
Assignments		
Music Appreciation	1. Life in the Classical Period	13. Nationalism
	2. Classical Music	14. Project: Engaged Listening
	3. Classical Forms and Genres	15. Project: Art
	4. Leading Classical Composers	16. Quiz 2: The Romantic Era (1820-1900)
	5. Project: Engaged Listening	17. Alternate Quiz 2 - Form A: The Romantic Era (1820-1900)*
	6. Project: Composer Under Suspicion	18. Alternate Quiz 2 - Form B: The Romantic Era (1820-1900)*
	7. Quiz 1: The Classical Era (1750-1820)	19. Special Project*
	8. Alternate Quiz 1 - Form A: The Classical Era (1750-1820)*	20. Review
	9. Alternate Quiz 1 - Form B: The Classical Era (1750-1820)*	21. Test
	10. Life in the Romantic Age	22. Alternate Test - Form A*
	11. Romantic Musical	23. Alternate Test - Form B*
	12. Romantic Genres & Form	24. Glossary and Credits

Unit 5: Modern Music		
Assignments		
Music Appreciation	1. Life and Music in the Twentieth Century	13. Project: Engaged Listening
	2. Twentieth-Century Musical Style	14. Project: Concert Experience

3.	Modernism	15.	Quiz 2: Twentieth Century American Music
4.	Beyond 1950	16.	Alternate Quiz 2 - Form A: Twentieth Century American Music*
5.	Project: Engaged Listening	17.	Alternate Quiz 2 - Form B: Twentieth Century American Music*
6.	Project: Serialism	18.	Project: Defense of a Music Era
7.	Quiz 1: Twentieth Century Trends (1900-2000)	19.	Special Project*
8.	Alternate Quiz 1 - Form A: Twentieth Century Trends (1900-2000)*	20.	Review
9.	Alternate Quiz 1 - Form B: Twentieth Century Trends (1900-2000)*	21.	Test
10.	The Good Ol' USA	22.	Alternate Test - Form A*
11.	Popular Music	23.	Alternate Test - Form B*
12.	Broadway and Film Music	24.	Glossary and Credits

Unit 6: Course Review and Exam				
MA	Assignments			
	1.	Units 1-2 Review	4.	Alternate Exam - Form A*
	2.	Units 3-5 Review	5.	Alternate Exam - Form B*
	3.	Exam		

Music Theory

Students will explore the nature of music, integrating the key concepts of rhythm and meter, written music notation, the structure of various scale types, interval qualities, melody and harmony, the building of chords, and transposition. Throughout the series of assignments, ear training exercises are interspersed with the bones of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well. This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression. As the students' ability to perform increases in the future, they will better understand music and therefore better demonstrate its intrinsic communication of emotion and ideas.

- **Rhythm and Meter:** Students will build a foundational understanding of the elements of musical rhythm and meter, including the measure of different notes, time signatures, and special rhythms; additionally, students will participate in ear training exercises to build their skill in this area.
- **Notation and Pitch:** Students will identify musical symbols, intervals, and instrumentation, and will be able to use this knowledge to compose and original melody.
- **Scales and Key Signatures:** Students will examine scaled and both major and minor keys; projects include ongoing ear training exercises, the transposition of a melody to a new key, and the composition of original, non-diatonic melodies.
- **Harmony:** Students will construct an understanding of the key aspects of harmony including the various categories of intervals and triads, and participate in ongoing ear training exercises; this unit culminates in the independent composition of a simple accompaniment.
- **Making Music:** Students will actively participate in the interpretation and composition of music, utilizing their knowledge of musical elements such as rhythm, pitch, key, harmony, and expression.
- **Course Review and Exam:** Students will complete a full review of key course concepts, and demonstrate their mastery through a final examination.

Unit 1: Rhythm and Meter	
Assignments	
1. Course Overview	15. Counting a Bit Faster
2. So, Why Study Music Anyway?	16. Ear Training #2 - Rhythm 2
3. Feeling the Beat	17. Special Rhythms
4. The Value of a Note	18. Creating a Rhythmic Piece
5. Measuring Music	19. Quiz 2: Time Signature
6. The Value of Silence	20. Alternate Quiz 2 - Form A: Time Signature*
7. Dots and Ties	21. Alternate Quiz 2 - Form B: Time Signature*
8. Ear Training #1 - Rhythm 1	22. Special Project*
9. Quiz 1: Introduction to Rhythm	23. Review
10. Alternate Quiz 1 - Form A: Introduction to Rhythm*	24. Test
11. Alternate Quiz 1 - Form B: Introduction to Rhythm*	25. Alternate Test - Form A*
12. 4/4 - The Basic Time Signature	26. Alternate Test - Form B*
13. Going Beyond 4/4	27. Glossary and Credits
14. Still More Time Signatures	
Unit 2: Notation and Pitch	
Assignments	
1. The Printed Page	16. Alternate Quiz 2 - Form B: The Sound of Music*
2. The Musical Alphabet	17. Voicings
3. Altering Pitches	18. Instrumentation
4. Ear Training #3: Pitch	19. Instrumentation 2
5. Direction and Signs	20. Ear Training #5: Identifying Instruments

6.	Quiz 1: The Look of Music	21.	Quiz 3: The Source of Music
7.	Alternate Quiz 1 - Form A: The Look of Music*	22.	Alternate Quiz 3 - Form A: The Source of Music*
8.	Alternate Quiz 1 - Form B: The Look of Music*	23.	Alternate Quiz 3 - Form B: The Source of Music*
9.	Musical Intervals	24.	Special Project*
10.	Writing Musical Intervals	25.	Review
11.	Ear Training #4: Intervals	26.	Test
12.	From Interval to Melody	27.	Alternate Test - Form A*
13.	Project: Composing a Simple Melody	28.	Alternate Test - Form B*
14.	Quiz 2: The Sound of Music	29.	Glossary and Credits
15.	Alternate Quiz 2 - Form A: The Sound of Music*		

Unit 3: Scales and Key Signatures				
Assignments				
Music Theory	1.	Introduction to the Scale	13.	Changing Keys
	2.	The Minor Scale	14.	Project: Transposing Melodies
	3.	Other Scales	15.	Quiz 2: Musical Key Signatures
	4.	Ear Training #6: Scales	16.	Alternate Quiz 2 - Form A: Musical Key Signatures*
	5.	Project: Composing Non-Diatonic Melodies	17.	Alternate Quiz 2 - Form B: Musical Key Signatures*
	6.	Quiz 1: Musical Scales	18.	Special Project*
	7.	Alternate Quiz 1 - Form A: Musical Scales*	19.	Review
	8.	Alternate Quiz 1 - Form B: Musical Scales*	20.	Test
	9.	Employing Scales as Keys	21.	Alternate Test - Form A*
	10.	Identifying Major Keys	22.	Alternate Test - Form B*
	11.	Identifying Minor Keys	23.	Glossary and Credits
	12.	Comparing Major and Minor Keys		

Unit 4: Harmony				
Assignments				
Music Theory	1.	Interval Quality	13.	Ear Training #10: Hearing Triads
	2.	Ear Training #7: Major or Minor?	14.	Using Triads and Chords
	3.	Perfect Intervals	15.	Project: Creating a Simple Accompaniment
	4.	Ear Training #8: Major, Minor, or Perfect?	16.	Quiz 2: Working with Chords
	5.	Augmented and Diminished Intervals	17.	Alternate Quiz 2 - Form A: Working with Chords*
	6.	Ear Training #9: Harmony or Dissonance?	18.	Alternate Quiz 2 - Form B: Working with Chords*
	7.	Quiz 1: Beginning to Harmonize	19.	Special Project*
	8.	Alternate Quiz 1 - Form A: Beginning to Harmonize*	20.	Review
	9.	Alternate Quiz 1 - Form B: Beginning to Harmonize*	21.	Test
	10.	Building Triads	22.	Alternate Test - Form A*
	11.	Comparing Triads	23.	Alternate Test - Form B*
	12.	Inverting Triads	24.	Glossary and Credits

Unit 5: Making Music	
Assignments	
Music Theory	1. Musical Performance
	2. Musical Performance 2
	3. Ornamentation
	4. Phrasing
	5. Style
	6. Ear Training #11: Listening for Musical Expression
	7. Quiz 1: Interpreting Music
	8. Alternate Quiz 1 - Form A: Interpreting Music*
	9. Alternate Quiz 1 - Form B: Interpreting Music*
	10. Applications of Music
	11. Arranging
	12. Composition Principles
13. You're the Composer	
14. Original Composition	
15. Quiz 2: Finding Your Voice	
16. Alternate Quiz 2 - Form A: Finding Your Voice*	
17. Alternate Quiz 2 - Form B: Finding Your Voice*	
18. Special Project*	
19. Review	
20. Test	
21. Alternate Test - Form A*	
22. Alternate Test - Form B*	
23. Glossary and Credits	

Unit 6: Course Review and Exam	
Assignments	
Music Theory	1. Review
	2. Exam
	4. Alternate Exam - Form A*
	5. Alternate Exam - Form B*

Personal Financial Literacy

Personal Financial Literacy is a semester-length elective designed to help high school students prepare for success in making financial decisions throughout their lives.

Topics in the course address the advantages of making sound financial decisions in both the short and long term, income planning, money management, saving and investing, and consumer rights and responsibilities.

Upon completion of Personal Financial Literacy, students should possess the knowledge and skills needed to do the following:

- Find and evaluate financial information from a variety of sources when making personal financial decisions.
- Understand the role of income, taxes, and research in developing and planning a career path.
- Develop systems for managing money (including saving and investing) tied to personal financial goals.
- Recognize and understand a consumer's rights and responsibilities in a complex world market.

Unit 1: Financial Responsibility and Decision Making		
Assignments		
Personal Financial Literacy	1. Course Overview	12. Alternate Quiz 2 - Form B: Financial Information*
	2. Introduction to Financial Literacy	13. Personal Financial Goals
	3. Self-Assessment	14. Decision-Making Process
	4. Taking Responsibility	15. Project: Making Decisions
	5. Quiz 1: Overview of Financial Literacy	16. Quiz 3: Decision Making
	6. Alternate Quiz 1 - Form A: Overview of Financial Literacy*	17. Alternate Quiz 3 - Form A: Decision Making*
	7. Alternate Quiz 1 - Form B: Overview of Financial Literacy*	18. Alternate Quiz 3 - Form B: Decision Making*
	8. Finding and Evaluating Financial Information	19. Special Project*
	9. Project: Reliable Financial Information	20. Review
	10. Quiz 2: Financial Information	21. Test
	11. Alternate Quiz 2 - Form A: Financial Information*	22. Alternate Test - Form A*
		23. Alternate Test - Form B*
		24. Glossary and Credits

Unit 2: Careers and Income		
Assignments		
Personal Financial Literacy	1. Exploring Career Options	12. Project: Tax Forms
	2. Starting a Business	13. Quiz 2: Income and Taxes
	3. Project: Self-Reflection	14. Alternate Quiz 2 - Form A: Income and Taxes*
	4. Career Path	15. Alternate Quiz 2 - Form B: Income and Taxes*
	5. Project: Reaching My Career Goals	16. Special Project*
	6. Quiz 1: Careers	17. Review
	7. Alternate Quiz 1 - Form A: Careers*	18. Test
	8. Alternate Quiz 1 - Form B: Careers*	19. Alternate Test - Form A*
	9. Sources of Income	20. Alternate Test - Form B*
	10. My Paycheck	21. Glossary and Credits
	11. Taxes	

Unit 3: Money Management	
Assignments	
Personal Financial Literacy	1. Overview of a Budget
	2. Project: Spending Diary
	3. Spending
	4. Money Management Tools
	5. Project: Create a Budget
	6. Quiz 1: Budget
	7. Alternate Quiz 1 - Form A: Budget*
	8. Alternate Quiz 1 - Form B: Budget*
	9. Financial Institutions
	10. Project: Selecting a Bank
	11. Services, Tools, and Resources
	12. Checking Account
	13. Project: Choosing a Checking Account
	14. Project: Checkbook
	15. Online Banking
	16. Quiz 2: Financial Institutions and Services
17. Alternate Quiz 2 - Form A: Financial Institutions and Services*	
18. Alternate Quiz 2 - Form B: Financial Institutions and Services*	
19. Financial Risks	
20. Project: Manage the Risks	
21. Quiz 3: Risks	
22. Alternate Quiz 3 - Form A: Risks*	
23. Alternate Quiz 3 - Form B: Risks*	
24. Special Project*	
25. Review	
26. Test	
27. Alternate Test - Form A*	
28. Alternate Test - Form B*	
29. Glossary and Credits	

Unit 4: Saving and Investing	
Assignments	
Personal Financial Literacy	1. It Pays to Save
	2. Savings Account
	3. Special Savings Accounts
	4. Project: Where Should I Save?
	5. Quiz 1: Saving
	6. Alternate Quiz 1 - Form A: Saving*
	7. Alternate Quiz 1 - Form B: Saving*
	8. Overview of Investing
	9. Stocks
	10. Project: Tracking Stock
	11. Financial Planning
	12. Project: Portfolio
	13. Quiz 2: Investing
	14. Alternate Quiz 2 - Form A: Investing*
	15. Alternate Quiz 2 - Form B: Investing*
	16. Special Project*
	17. Review
	18. Test
	19. Alternate Test - Form A*
	20. Alternate Test - Form B*
	21. Glossary and Credits

Unit 5: Credit, Debt, and Consumer Skills	
Assignments	
Personal Financial Literacy	1. Debt and Stewardship
	2. Credit Cards
	3. Project: Selecting a Credit Card
	4. Creditworthy
	5. Credit Problems
	6. Quiz 1: Credit
	7. Alternate Quiz 1 - Form A: Credit*
	8. Alternate Quiz 1 - Form B: Credit*
	9. Overview of Loans
	10. Mortgages
	11. Other Loans
	12. Project: Making a Large Purchase
	13. Rent or Buy
	14. Quiz 2: Loans
15. Alternate Quiz 2 - Form A: Loans*	
16. Alternate Quiz 2 - Form B: Loans*	
17. Consumer Rights	
18. Consumer Purchases	
19. Project: Smart Consumer	
20. Quiz 3: Consumers	
21. Alternate Quiz 3 - Form A: Consumers*	
22. Alternate Quiz 3 - Form B: Consumers*	
23. Special Project*	
24. Review	
25. Test	
26. Alternate Test - Form A*	
27. Alternate Test - Form B*	
28. Glossary and Credits	

Unit 6: Course Review and Exam	
Assignments	
PFL	1. Review
	2. Exam
	3. Alternate Exam - Form A*
	4. Alternate Exam - Form B*

Physical Education

Physical Education is a semester-long elective designed for high school students. The course focuses on performance of individual and team sports, with explanations of proper technique, rules of the game, and preparation. Team sports introduced include soccer, basketball, football, baseball, and volleyball. An introduction to fitness, strength, endurance, and nutrition is also included.

Students will have the opportunity to perform each sport on their own time, while keeping a log of activity. The goal is incorporation of activity into their daily lives and the gain of lifelong healthy fitness habits.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of Physical Education, students should possess the knowledge and skills needed to do the following:

- Define physical fitness and describe the components of being physically fit
- Evaluate their fitness level
- Apply physical fitness, nutrition-related, and weight-management skills to their lives
- Understand and apply safe exercise rules
- Describe the history and rules of sports such as basketball, baseball, football, soccer, volleyball, and gymnastics
- Describe and apply skills needed for a variety of sports

Unit 1: Physical Education	
Assignments	
Physical Education	1. Course Overview
	2. Defining Physical Fitness
	3. Principles of Training
	4. Project: Principles of Training
	5. Risk Factors and Behaviors
	6. Project: Risk Factors and Behaviors
	7. Balance and Flexibility
	8. How the Heart Works
	9. Project: How the Heart Works
	10. Muscular Strength and Endurance
	11. Evaluating Your Fitness Level
	12. Nutrition
	13. Project: Nutrition
	14. Weight Management
	15. Responsible Choices
	16. Project: Responsible Choices
	17. Handling Your Stress
	18. Exercise Safety
	19. Soccer
	20. Project: Soccer
	21. Basketball Overview
	22. Project: Basketball Overview
	23. Understanding Football
	24. Project: Understanding Football
	25. Modern Baseball
26. Project: Modern Baseball	
27. Baseball History	
28. Project: Baseball History	
29. Volleyball	
30. Project: Volleyball	
31. Title IX and Gender Issues in Sports	
32. Project: Title IX and Gender Issues in Sports	
33. Olympics	
34. Project: Olympics	
35. Controversy in the Olympic Games	
36. Project: Controversy in the Olympic Games	
37. Golf	
38. Project: Golf	
39. Tennis	
40. Swimming	
41. Project: Swimming	
42. Gymnastics	
43. Running	
44. Project: Running	
45. Racewalking	
46. Careers in Sports	
47. Project: Careers in Sports	
48. Test	
49. Glossary and Credits	

Physical Fitness

Physical Fitness is a semester-length elective designed for high school students. The course focuses on the health benefits of regular physical activity and of a long term exercise program.

As students work through the course, they will learn about the many aspects of physical fitness, including basic nutrition, the importance of flexibility, cardiovascular health, muscle and strength training, and realistic goal setting. Along the way, students will be required to maintain and submit an activity log in order to measure progress in course exercises, as well as in personal fitness goals.

Upon completion of Physical Fitness, students should possess the knowledge and skills needed to do the following:

- Analyze the key components of successful physical activity and use this analysis to determine if a program is reasonable and effective.
- Describe the three main types of physical activity that should be included in a exercise regime and the health benefits of each.
- Perform basic fitness exercises associated with the three main types of physical activity discussed in this course.
- Identify the main motivational strategies that can be used to help the student continue in positive fitness habits once this course is completed.

Unit 1: An Overview of Fitness	
Assignments	
Physical Fitness	1. Course Overview
	2. What is Physical Fitness?
	3. Why Should I Exercise?
	4. Quiz 1: Physical Fitness and Exercise
	5. Alternate Quiz 1-Form A: Physical Fitness and Exercise*
	6. Alternate Quiz 1-Form B: Physical Fitness and Exercise*
	7. Physical Benefits
	8. Mental and Emotional Benefits
	9. Longevity
	10. Quiz 2: Benefits of Exercise
	11. Alternate Quiz 2-Form A: Benefits of Exercise*
	12. Alternate Quiz 2-Form B: Benefits of Exercise*
13. What is Nutrition?	
14. Weight Control	
15. Putting the Pieces Together	
16. Project: Food Analysis	
17. Quiz 3: Basic Nutrition	
18. Alternate Quiz 3-Form A: Basic Nutrition*	
19. Alternate Quiz 3-Form B: Basic Nutrition*	
20. Special Project*	
21. Review	
22. Test	
23. Alternate Test-Form A*	
24. Alternate Test-Form B*	
25. Glossary and Credits	

Unit 2: Flexibility Training	
Assignments	
Physical Fitness	1. Daily Activity versus Planned Exercise
	2. Project: Using the Activity Log
	3. Warm-ups and Cool-Downs
	4. Quiz 1: Planning Daily Exercise
	5. Alternate Quiz 1-Form A: Planning Daily Exercise*
	6. Alternate Quiz 1-Form B: Planning Daily Exercise*
	7. Is Stretching Exercise?
	8. Physical Benefits of Stretching
	9. Project: Test your Flexibility
	10. Quiz 2: Stretching
	11. Alternate Quiz 2-Form A: Stretching*
	12. Alternate Quiz 2-Form B: Stretching*

Unit 3: Cardiovascular Fitness	
Assignments	
Physical Fitness	1. What Defines Cardiovascular Exercise?
	2. Benefits of Cardiovascular Training
	3. Project: Test Your Cardiovascular Fitness Level
	4. Quiz 1: Cardiovascular Training
	5. Alternate Quiz 1-Form A: Cardiovascular Training*
	6. Alternate Quiz 1-Form B: Cardiovascular Training*
	7. Intensity Versus Duration
	8. Project: Walking Drills
	9. Project: Wind Sprints
	10. Quiz 2: Intensity Versus Duration
	11. Alternate Quiz 2-Form A: Intensity Versus Duration*
	12. Alternate Quiz 2-Form B: Intensity Versus Duration*
	13. Cardiovascular Exercise and Weight Control
	14. Project: Low Impact Calorie Burning

Unit 4: Resistance Training	
Assignments	
Physical Fitness	1. What is Strength Training?
	2. How is Muscular Strength Developed?
	3. Project: Test Your Muscular Strength and Endurance
	4. Quiz 1: Resistance Training
	5. Alternate Quiz 1-Form A: Resistance Training*
	6. Alternate Quiz 1-Form B: Resistance Training*
	7. A Combination of Resistance and Repetitions
	8. Project: Isolating the Upper Body
	9. Project: Isolating the Lower Body
	10. Project: Developing Your Core
	11. Project: Graded Resistance Exercise Performance
	12. Strength Training and Weight Control

Unit 5: Motivation and Mindset	
Assignments	
Physical Fitness	1. Developing a Realistic Mindset and Goals
	2. Adapting the Program Over Time
	3. Project: Flexibility and Cardiovascular Exercise Workout
	4. Quiz 1: Motivation and Mindset
	5. Alternate Quiz 1-Form A: Motivation and Mindset*
	6. Alternate Quiz 1-Form B: Motivation and Mindset*
	7. Overuse injuries
	8. Breaks and Plateaus
	9. Project: A Cardiovascular Exercise Workout
	10. Quiz 2: Dealing with Setbacks
	11. Alternate Quiz 2-Form A: Dealing with Setbacks*
	12. Alternate Quiz 2-Form B: Dealing with Setbacks*
	13. Understanding Discouragement and Motivation
14. Success Strategies	
15. Project: Try a Strategy for Success	
16. Project: A Resistance Training and Flexibility Workout	
17. Quiz 3: Staying Motivated	
18. Alternate Quiz 3-Form A: Staying Motivated*	
19. Alternate Quiz 3-Form B: Staying Motivated*	
20. Unit 5 Activity Log	
21. Special Project*	
22. Review	
23. Test	
24. Alternate Test-Form A*	
25. Alternate Test-Form B*	
26. Glossary and Credits	

Unit 6: Course Review and Exam	
Assignments	
PF	1. Review
	2. Exam
	3. Alternate Exam-Form A*
	4. Alternate Exam-Form B*

Probability and Statistics A

Semester A of Probability of Statistics is designed to give 11th- and 12th-grade students an overview of basic concepts of statistics, with an emphasis on descriptive statistics. The semester begins with the key concepts of data, samples, and populations. Students will create visual representations of data sets, such as histograms and bar graphs. Students will describe the central tendency and spread of data for a data set. Students will look for patterns in a data set and determine models based on those patterns.

Each of the five units includes twelve lessons and one project. Each lesson has a minimum of thirteen formative assessment questions to enable students and their teacher to gauge student understanding. Summative assessments include three quizzes in each unit, a test for each unit, and a semester exam covering all five units. Each project uses concepts covered in the unit.

- Unit 1: Describe the types of statistics, types of data, types of studies, and sampling methods.
- Unit 2: Create visual representations of data sets using dot plots, stem-and-leaf displays, scatter plots, and find the model that best represents the data.
- Unit 3: Describe the central tendency of a data set using various measures.
- Unit 4: Describe the dispersion of a data set using both numerical measures and visual representations.
- Unit 5: Apply concepts learned in this lesson to a variety of real world applications.

Unit 1: INTRODUCTION TO STATISTICS	
Assignments	
Probability and Statistics A	1. Course Overview
	2. Types of Statistics
	3. Types of Data
	4. Discrete and Continuous Data
	5. Sample and Population
	6. Quiz: Data
	7. Alternate Quiz: Data*
	8. Collecting Data
	9. Sampling Bias
	10. Simple Random Samples
	11. Surveys
	12. Quiz: Recognizing Bias
13. Alternate Quiz: Recognizing Bias*	
14. Observational Studies	
15. Experiments	
16. Stratified Random Samples	
17. Interpreting Results	
18. Project: The Challenge to Be Random	
19. Quiz: Types of Studies	
20. Alternate Quiz: Types of Studies*	
21. Unit Review	
22. Test: Introduction to Statistics	
23. Alternate Test: Introduction to Statistics*	

Unit 2: PRESENTING DATA		
Assignments		
Probability and Statistics A	1. Simple Plots	13. Using Technology to Determine a Line of Best Fit
	2. Histograms and Bar Graphs	14. Nonlinear Relationships
	3. Central Tendency and Spread	15. Transforming Linear Functions by Vertical Change
	4. Scatter Plots	16. Transforming Linear Functions by Changing the Slope
	5. Quiz: Displays	17. Project: Line of Best Fit
	6. Alternate Quiz: Displays*	18. Quiz: Best Fit Functions
	7. Graphical Line of Best Fit	19. Alternate Quiz: Best Fit Functions*
	8. Slope of a Line	20. Unit Review
	9. Finding the Equation of a Line of Best Fit	21. Test: Presenting Data
	10. Interpreting the Line of Best Fit	22. Alternate Test: Presenting Data*
	11. Quiz: Line of Best Fit	23. Glossary and Credits
	12. Alternate Quiz: Line of Best Fit*	

Unit 3: MEASURES OF CENTRAL TENDENCY		
Assignments		
Probability and Statistics A	1. The Mean	13. Frequency Tables and the Mean
	2. The Median	14. The Midrange
	3. The Mode	15. Cumulative Frequency
	4. Sample and Population Mean	16. Cumulative Frequency Graphs
	5. Quiz: Mean, Median, and Mode	17. Project: Data Collection
	6. Alternate Quiz: Mean, Median, and Mode*	18. Quiz: Using Frequency
	7. Comparing Measures of Central Tendency	19. Alternate Quiz: Using Frequency*
	8. Frequency Tables and the Mode	20. Unit Review
	9. Grouped Frequency Tables and the Modal Class	21. Test: Measures of Central Tendency
	10. Frequency Tables and the Median	22. Alternate Test: Measures of Central Tendency*
	11. Quiz: Frequency Tables	23. Glossary and Credits
	12. Alternate Quiz: Frequency Tables*	

Unit 4: MEASURES OF DISPERSION		
Assignments		
Probability and Statistics A	1. Range	13. Estimating Population Dispersion
	2. Variance	14. Irregular Data Sets
	3. Standard Deviation	15. Sampling Distribution
	4. Normal Distributions	16. Other Distribution Shapes
	5. Quiz: Dispersion	17. Project: Describing Data
	6. Alternate Quiz: Dispersion*	18. Quiz: Distributions
	7. Percentile	19. Alternate Quiz: Distributions*
	8. Interquartile Range	18. Unit Review
	9. The Five Key Points	20. Test: Measures of Dispersion
	10. Box Plots	21. Alternate Test: Measures of Dispersion*
	11. Quiz: Dispersion Displays	22. Glossary and Credits
	12. Alternate Quiz: Dispersion Displays*	

Unit 5: APPLICATIONS		
Assignments		
Probability and Statistics A	1. Comparing Two Populations	13. Comparing Results for Cigarettes and Lung Cancer
	2. Marginal and Joint Frequencies	14. Using Technology for Nonlinear Distributions
	3. Projecting to a Population	15. Power Functions
	4. Categorical Data Analysis	16. Logarithmic Relationships
	5. Quiz: Populations	17. Project: Experimental Drug Study
	6. Alternate Quiz: Populations*	18. Quiz: Analyzing Data
	7. An Experimental Drug Study	19. Alternate Quiz: Analyzing Data*
	8. Test Scores	20. Unit Review
	9. Cigarettes and Lung Cancer	21. Test: Applications
	10. Another Look at Cigarettes and Lung Cancer	22. Alternate Test: Applications*
	11. Quiz: Conducting Studies	23. Glossary and Credits
	12. Alternate Quiz: Conducting Studies*	

Unit 6: SEMESTER REVIEW AND EXAM	
Assignments	
1. Semester Review	3. Alternate Semester Exam*
2. Semester Exam	

(*) Indicates alternative assignment

Psychology

Psychology is an introductory elective course for high school students. Throughout the course, students will examine influences on human actions and beliefs, factors influencing behavior and perception, and basic psychological theories. Students will develop and apply their understanding of psychology through lessons and projects that require interaction and observation of others.

- **Unit 1:** Students will be introduced to the beginnings of psychology, research methods, and ethics of the profession.
- **Unit 2:** Students will examine the biology of behavior, sensory processes, motivation, and stress.
- **Unit 3:** Students will learn about the stages of human development and personality.
- **Unit 4:** Students will discover the different methods of learning, aspects of memory, language, and levels of consciousness.
- **Unit 5:** Students will explore mental disorders and abnormal behaviors and how to treat them. They will also determine why people obey and influence other's behavior.

Unit 1: INTRODUCTION AND METHODS		
Assignments		
Psychology	1. Course Overview	11. Balancing Right and Wrong (Ethics)
	2. Introduction to Psychology	12. Experiment: Bouba-Kiki Effect
	3. Experimental Psychology and Schools of Thought	13. Essay: What Would You Do?
	4. More About Psychological Perspectives	14. Quiz 2: Research and Methods
	5. Report: Influential Psychologists	15. Special Project*
	6. Psychological Fields and Careers	16. Review
	7. Report: Understanding More about Careers in Psychology	17. Test
	8. Quiz 1: Introduction to Psychology	18. Alternate Test*
	9. Research and Methods	19. Glossary and Credits
	10. Statistics	

Unit 2: BIOPSYCHOSOCIAL PSYCHOLOGY		
Assignments		
Psychology	1. The Biology Behind Our Behavior	9. Stress
	2. Sensory Processes	10. Essay: Reflecting on Stress in Your Life
	3. Project: Blind Spots	11. Quiz 2: Motivation, Emotion, Stress
	4. Project: Smell vs. Taste	12. Special Project*
	5. Quiz 1: Biology and Sensory Processes	13. Review
	6. Motivation	14. Test
	7. Essay: What Motivates You?	15. Alternate Test*
	8. Values and Expectations	16. Glossary and Credits

Unit 3: DEVELOPMENTAL PSYCHOLOGY		
Assignments		
Psychology	1. Lifespan Development	9. Personality Tests
	2. Piaget and Erikson: Theories of Development	10. Essay: Character Counts
	3. Critical Periods	11. Quiz 2: Personality
	4. Research: Hereditary Conditions and Deformities	12. Special Project*
	5. Quiz 1: Lifespan Development	13. Review

6. What is Personality?	14. Test
7. Free Will vs. Determinism	15. Alternate Test*
8. Essay: Do You Have a Choice?	16. Glossary and Credits

Unit 4: COGNITIVE PSYCHOLOGY	
Assignments	
1. What is Learning?	12. Consciousness and Sleep
2. Conditioning	13. Dreams
3. Observational Learning	14. Report: Dream Analysis
4. Essay: Who is Your Role Model?	15. Research: Hypnosis
5. Quiz 1: Learning	16. Quiz 3: Thinking, Language, Consciousness, and Sleep
6. Memory	17. Special Project*
7. The Brain and Memory	18. Review
8. Project: Serial Position Effect	19. Test
9. Quiz 2: Memory	20. Alternate Test*
10. Thinking	21. Glossary and Credits
11. Language	

Unit 5: ABNORMAL AND GROUP BEHAVIOR	
Assignments	
1. Abnormal Behavior	9. Project: Conformity
2. Mental Disorders	10. Essay: How Can You Use Influence for Good?
3. Treating Disorders	11. Quiz 2: Group Behavior
4. Report: Medication	12. Special Project*
5. Quiz 1: Abnormal Behavior	13. Review
6. Obedience to Authority	14. Test
7. Altruism	15. Alternate Test*
8. Social Influence and Conformity	16. Glossary and Credits

Unit 6: COURSE REVIEW AND EXAM	
Assignments	
1. Review	2. Exam
3. Alternate Exam*	

(* Indicates alternative assignment)

Spanish I

Spanish I is an entry level high school foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in a basic manner and in both oral and written communication.
- Use vocabulary necessary to function as a tourist in Spanish-speaking countries.
- Demonstrate a basic knowledge of the Spanish-speaking world.
- Listen to and understand basic passages in Spanish related to various themes.
- Read and understand basic passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

Spanish I introduces students to the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

Unit 1: Amigos en el Mundo		
Assignments		
Spanish I	1. Course Overview	1. Course Overview
	2. A comenzar: Las primeras palabras	2. Let's Start: The First Words
	3. ¿Dónde se habla español en el mundo?	3. Where in the World is Spanish Spoken?
	4. El alfabeto	4. The Alphabet
	5. Saludos y expresiones	5. Expressions for Greeting People
	6. Cómo saludamos en los países de habla hispana	6. How to Greet Someone in a Spanish Speaking Country
	7. Prueba 1: El español en el mundo	7. Quiz 1: Spanish in the World
	8. Prueba alterna - Versión A: El español en el mundo*	8. Alternate Quiz - Form A: Spanish in the World*
	9. Prueba alterna - Versión B: El español en el mundo*	9. Alternate Quiz - Form B: Spanish in the World*
	10. Los pronombres: Primera parte	10. Subject Pronouns: Part One
	11. Los pronombres: Segunda parte	11. Subject Pronouns: Part Two
	12. Los nombres y los artículos definidos	12. Nouns and Definite Articles
	13. Los colores: Una introducción a los adjetivos	13. Colors: An Introduction to Adjectives
	14. Practiquemos más adjetivos	14. Let's Practice More Adjectives
	15. Prueba 2: Pronombres y géneros	15. Quiz 2: Pronouns and Gender
	16. Prueba alterna - Versión A: Pronombres y géneros*	16. Alternate Quiz - Form A: Pronouns and Gender*
	17. Prueba alterna - Versión B: Pronombres y géneros*	17. Alternate Quiz - Form B: Pronouns and Gender*
	18. En clase	18. In the Classroom
	19. Los verbos	19. Verbs
	20. Más verbos	20. More Verbs
	21. Prueba 3: El presente	21. Quiz 3: Present Tense
	22. Prueba alterna - Versión A: El presente*	22. Alternate Quiz - Form A: Present Tense*
	23. Prueba alterna - Versión B: El presente*	23. Alternate Quiz - Form B: Present Tense*
	24. Proyecto: ¡Vamos a viajar!	24. Project: Let's Travel!
	25. Proyecto Especial*	25. Special Project*
	26. Repaso	26. Review
	27. Examen	27. Exam
	28. Examen alterno - Versión A*	28. Alternate Exam - Form A*
	29. Examen alterno - Versión B*	29. Alternate Exam - Form B*
	30. Glosario y créditos	30. Glossary and Credits

Unit 2: Amigos en Ee.Uu.		
Assignments		
Spanish I	1. Las oportunidades de usar el español	1. Opportunities to Use Spanish
	2. Lo que no hacemos	2. What We Don't Do
	3. Los números parte 1	3. Numbers Part 1
	4. Los números parte 2	4. Numbers Part 2
	5. ¿Qué día es hoy?	5. What Day is Today?
	6. ¿Qué hora es?	6. What Time is It?
	7. Más sobre la hora	7. More about Time
	8. Prueba 1: El horario del viaje	8. Quiz 1: The Schedule of the Trip
	9. Prueba alterna - Versión A: El horario del viaje*	9. Alternate Quiz - Form A: The Schedule of the Trip*
	10. Prueba alterna - Versión B: El horario del viaje*	10. Alternate Quiz - Form B: The Schedule of the Trip*
	11. ¿Formal o no?	11. Formal or Informal?
	12. ¿Cómo es?	12. What is He or She Like?
	13. Segunda conjugación	13. Second Conjugation
	14. Tercera conjugación	14. Third Conjugation
	15. Estructura y partes de la oración	15. Structure and Parts of the Sentence
	16. Cómo empezar una conversación. Las presentaciones	16. How to Begin a Conversation: Introductions
	17. Prueba 2: Presentaciones: Conozcamos gente	17. Quiz 2: Introductions: Let's Get to Know People
	18. Prueba alterna - Versión A: Presentaciones: Conozcamos gente*	18. Alternate Quiz - Form A: Introductions: Let's Get to Know People*
	19. Prueba alterna - Versión B: Presentaciones: Conozcamos gente*	19. Alternate Quiz - Form B: Introductions: Let's Get to Know People*
	20. Proyecto: ¿Cómo es mi familia?	20. Project: What is My Family Like?
	21. Proyecto Especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credit

Unit 3: Amigos en México		
Assignments		
Spanish I	1. ¡Ay Chihuahua! ¡Hay tantas culturas en México!	1. Wow! There are so Many Cultures in Mexico!
	2. ¿En qué se diferencia mi vida de la vida en México?	2. How is My Life Different Than Life in Mexico?
	3. ¡Vamos a la playa!	3. Let's Go to the Beach!
	4. La tierra del jarabe tapatío	4. The Land of the Mexican Hat Dance
	5. La historia de México: Un vistazo a su gente a través del arte	5. The History of Mexico: A Look at the People Through Art
	6. Una historia de amor: A practicar los verbos en México D.F.	6. A Love Story: Practicing Verbs in Mexico City
	7. Prueba 1: La tierra de los Aztecas	7. Quiz 1: The Land of the Aztecs
	8. Prueba alterna - Versión A: La tierra de los Aztecas*	8. Alternate Quiz - Form A: The Land of the Aztecs*
	9. Prueba alterna - Versión B: La tierra de los Aztecas*	9. Alternate Quiz - Form B: The Land of the Aztecs*
	10. La cultura en el mercado: Una visita a Veracruz	10. Culture in the Market: A Visit to Veracruz
	11. La quinceañera: Una invitación especial	11. The Sweet Fifteen Party: An Invitation
	12. ¡Vamos a la corrida! Una estancia en Campeche	12. Let's Go to the Bullfight: A Stay in Campeche
	13. El mundo maya	13. The Mayan World
	14. ¡Qué viva México! ¡Viva la independencia!	14. Long Live Mexico and its Independence!
	15. ¡Qué padre es México! Una carta a la familia	15. Mexico is so Cool! A Letter to the Family
	16. Prueba 2: La tierra de los Mayas	16. Quiz 2: The Land of the Mayas
	17. Prueba alterna - Versión A: La tierra de los Mayas*	17. Alternate Quiz - Form A: The Land of the Mayas*
	18. Prueba alterna - Versión B: La tierra de los Mayas*	18. Alternate Quiz - Form B: The Land of the Mayas*
	19. Proyecto: Mi amigo mexicano	19. Project: My Mexican Friend
	20. Proyecto Especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 4: Amigos en Argentina		
Assignments		
Spanish I	1. Charlie y Sophie llegan a Buenos Aires	1. Charlie and Sophie Arrive in Buenos Aires
	2. Una visita familiar: ¡Vamos a tomar el té!	2. A Family Visit: Let's Have Tea!
	3. Una súper naturaleza: Las cataratas más altas de América	3. Super Nature: The Highest Waterfalls in the Americas
	4. Bosques de Palermo: Un día en el parque	4. Bosques de Palermo: A Day at the Park
	5. Mar del Plata: ¡Vamos a pasarla re-bien en la playa!	5. Mar del Plata: We'll have a Great Time at the Beach!
	6. ¡Vamos a bailar!	6. Let's Dance!
	7. Prueba 1: La vida argentina	7. Quiz 1: Argentinean Life
	8. Prueba alterna - Versión A: La vida argentina*	8. Alternate Quiz – Form A: Argentinean Life*
	9. Prueba alterna - Versión B: La vida argentina*	9. Alternate Quiz – Form B: Argentinean Life*
	10. El valle de Lerma: una rica historia	10. The Valley of Lerma: A Rich History
	11. El Camino Inca	11. The Inca Trail
	12. La vida en las pampas de Argentina	12. Life in the Argentinean Pampas
	13. ¡A disfrutar el aire libre!: Un viaje por el oeste	13. Let's Enjoy the Outdoors: A Trip West
	14. ¡Qué frío hace en Santa Cruz!	14. It's So Cold in Santa Cruz!
	15. Una reunión familiar fantástica: Vamos a la Tierra del Fuego	15. A Fantastic Family Reunion: Let's Go to the Tierra del Fuego
	16. Prueba 2: A viajar por Argentina	16. Quiz 2: Let's Travel in Argentina
	17. Prueba alterna - Versión A: A viajar por Argentina*	17. Alternate Quiz Form – A: Let's Travel in Argentina*
	18. Prueba alterna - Versión B: A viajar por Argentina*	18. Alternate Quiz Form – B: Let's Travel in Argentina*
	19. Proyecto: Mi familia	19. Project: My Family
	20. Proyecto Especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 5: Amigos en Honduras y el Salvador		
Assignments		
Spanish I	1. Sophie y Charlie llegan a Honduras	1. Sophie and Charlie Arrive in Honduras
	2. Un árbol muy útil: La Ceiba	2. A Very Useful Tree: The Ceiba
	3. ¡Hace frío y llueve, pero no nieva!	3. It's Cold and It Rains, But It Doesn't Snow!
	4. El mundo maya en Honduras	4. The Mayan World in Honduras
	5. ¿Qué podemos comprar en Honduras?	5. What Can We Buy in Honduras?
	6. Proyecto: Un pronóstico meteorológico	6. Project: A Weather Forecast
	7. ¿Cuándo?, no entiendo.	7. When? I Don't Understand.
	8. Proyecto: A cocinar ticucos	8. Project: Let's Make Ticucos
	9. Prueba 1: Amigos en Honduras	9. Quiz 1: Friends in Honduras
	10. Prueba alterna - Versión A: Amigos en Honduras*	10. Alternate Quiz – Form A: Friends in Honduras*
	11. Prueba alterna - Versión B: Amigos en Honduras*	11. Alternate Quiz – Form B: Friends in Honduras*
	12. Charlie y Sophie llegan a El Salvador	12. Charlie and Sophie Arrive in El Salvador
	13. El clima de El Salvador	13. The Climate of El Salvador
	14. Proyecto: Un mapa del tiempo	14. Project: A Weather Map
	15. ¿Es Carlos sensible?	15. Is Charlie Sensitive?
	16. Trabajamos todos: el café salvadoreño	16. Everybody Works: Salvadoran Coffee
	17. Las artesanías, ¡qué buen trabajo!	17. Arts and Crafts, What a Great Job!
	18. Proyecto: ¡A cocinar un platillo salvadoreño!	18. Project: Let's Make Salvadoran Food!
	19. ¿Qué están haciendo?	19. What Are They Doing?
	20. ¡No se puede decir que lo que es saludable no es delicioso!	20. It Cannot Be Said That Healthy Isn't Delicious!
	21. Prueba 2: Amigos en El Salvador	21. Quiz 2: Friends in El Salvador
	22. Prueba alterna - Versión A: Amigos en El Salvador*	22. Alternate Quiz – Form A: Friends in El Salvador*
	23. Prueba alterna - Versión B: Amigos en El Salvador*	23. Alternate Quiz – Form B: Friends in El Salvador*
	24. Proyecto: Un viaje inolvidable	24. Project: An Unforgettable Trip
	25. Proyecto Especial*	25. Special Project*
	26. Repaso	26. Review
	27. Examen	27. Exam
	28. Examen alterno - Versión A*	28. Alternate Exam – Form A*
	29. Examen alterno - Versión B*	29. Alternate Exam – Form B*
	30. Glosario y créditos	30. Glossary and Credits

Unit 6: Repaso y Examen Semestral		
Assignments		
Spanish I	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

Unit 7: Amigos en Puerto Rico				
Assignments				
Spanish I	1.	Sophie y Charlie llegan a la capital de Puerto Rico: San Juan	1.	Sophie and Charlie Arrive at the Capital of Puerto Rico: San Juan
	2.	¡Buen provecho! de Guavate!	2.	Bon Appétit from Guavate!
	3.	Proyecto: ¡Vamos a freir los plátanos amarillos!	3.	Project: Let's Fry Some Yellow Plantains!
	4.	¡A la orden! Un día de compras en la plaza Las Américas.	4.	At Your Service! A Day of Shopping at Plaza Las Americas.
	5.	Un clima tropical: El Yunque	5.	Tropical Climate: El Yunque
	6.	Un festival en la plaza central de Toa Baja	6.	A Festival at the Town Square of Toa Baja
	7.	El turismo en Piñones	7.	Tourism at Piñones
	8.	Prueba 1: San Juan y sus alrededores	8.	Quiz 1: San Juan and the Metropolitan Area
	9.	Prueba alterna - Versión A: San Juan y sus alrededores*	9.	Alternate Quiz - Form A: San Juan and the Metropolitan Area*
	10.	Prueba alterna - Versión B: San Juan y sus alrededores*	10.	Alternate Quiz - Form B: San Juan and the Metropolitan Area*
	11.	El festival nacional indígena de Jayuya	11.	The National Indigenous Festival of Jayuya
	12.	El paisaje de la playa por la costa de la isla	12.	The Scenery of the Beach along the Coast of the Island
	13.	La vida ponceña	13.	Life in Ponce
	14.	A parrandear por la isla	14.	Let's Celebrate Christmas on the Island
	15.	Proyecto: Hagámos conjuntos: Comparemos las casas	15.	Project: Let's Make a Venn Diagram: Let's Compare Houses
	16.	El territorio de Karst: un paraíso con cavernas	16.	The Karst Territory: A Cave Paradise
	17.	¡Vamos a Vieques a acampar!	17.	Let's go Camping in Vieques!
	18.	Prueba 2: La vida en la isla	18.	Quiz 2: Life on the Island
	19.	Prueba alterna - Versión A: La vida en la isla*	19.	Alternate Quiz - Form A: Life on the Island*
	20.	Prueba alterna - Versión B: La vida en la isla*	20.	Alternate Quiz - Form B: Life on the Island*
	21.	Proyecto: ¡Hagamos un modelo de la casa perfecta!	21.	Project: Let's Build a Model of Our Dream House!
	22.	Proyecto Especial*	22.	Special Project*
	23.	Repaso	23.	Review
	24.	Examen	24.	Exam
	25.	Examen alterno - Versión A*	25.	Alternate Exam – Form A*
	26.	Examen alterno - Versión B*	26.	Alternate Exam – Form B*
	27.	Glosario y créditos	27.	Glossary and Credits

Unit 8: Amigos en España				
Assignments				
Spanish I	1.	Carlos y Sofía llegan a Madrid, la capital de España	1.	Charlie and Sophie Arrive in Madrid, the Capital of Spain
	2.	Proyecto: España y mi país	2.	Project: Spain and my Country
	3.	¡Otro día en Madrid!	3.	Another Day in Madrid!
	4.	Un día en la universidad de Salamanca	4.	A Day at the University in Salamanca
	5.	Carlos y Sofía llegan a la capital de España: Madrid	5.	Charlie and Sophie Arrive in the Capital of Spain, Madrid
	6.	La cultura catalana de España	6.	Catalonian Culture in Spain
	7.	Prueba 1: Los gustos	7.	Quiz 1: Likes and Dislikes
	8.	Prueba alterna - Versión A: Los gustos*	8.	Alternate Quiz - Form A: Likes and Dislikes*
	9.	Prueba alterna - Versión B: Los gustos*	9.	Alternate Quiz - Form B: Likes and Dislikes*
	10.	La cultura gallega en España	10.	Galician Culture In Spain
	11.	Proyecto: Las comidas que me gustan	11.	Project: The Foods That I Like
	12.	Un vistazo a España central	12.	A View of Central Spain
	13.	El paisaje de los moros en Andalucía	13.	The Scenery of the Moors in Andalusia
	14.	Escapemos a un paraiso en el Mediterráneo	14.	Let's Escape To A Paradise in the Mediterranean
	15.	Prueba 2: Lo que haría	15.	Quiz 2: What I Would Do
	16.	Prueba alterna - Versión A: Lo que haría*	16.	Alternate Quiz - Form A: What I Would Do*
	17.	Prueba alterna - Versión B: Lo que haría*	17.	Alternate Quiz - Form B: What I Would Do*
	18.	Proyecto: Mi restaurante	18.	Project: My Restaurant
	19.	Proyecto Especial*	19.	Special Project*
	20.	Repaso	20.	Review
	21.	Examen	21.	Exam
	22.	Examen alterno - Versión A*	22.	Alternate Exam – Form A*
	23.	Examen alterno - Versión B*	23.	Alternate Exam – Form B*
	24.	Glosario y créditos	24.	Glossary and Credits

Unit 9: Amigos en Cuba		
Assignments		
Spanish I	1. Carlos y Sofía llegan a La Habana	1. Charlie and Sophie Arrive in Havana
	2. ¡A comer en Cuba!	2. Let's Eat in Cuba!
	3. Unas aventuras cubanas	3. Some Cuban Adventures
	4. Proyecto: Una muñeca de papel	4. Project: A Paper Doll
	5. Prueba 1: A conocer la vida cubana	5. Quiz 1: Let's Get to Know Cuban Life
	6. Prueba alterna - Versión A: A conocer la vida cubana*	6. Alternate Quiz - Form A: Let's Get to Know Cuban Life*
	7. Prueba alterna - Versión B: A conocer la vida cubana*	7. Alternate Quiz - Form B: Let's Get to Know Cuban Life*
	8. ¡Me duele la cabeza!	8. I Have a Headache!
	9. El ritmo de África y la melodía de Europa	9. The Rhythm of Africa and the Melody of Europe
	10. Proyecto: Mi raro amigo	10. Project: My Strange Friend
	11. Otra isla cubana	11. Another Cuban Island
	12. Prueba 2: A viajar por Cuba	12. Quiz 2: Let's Travel Through Cuba
	13. Prueba alterna - Versión A: A viajar por Cuba*	13. Alternate Quiz - Form A: Let's Travel Through Cuba*
	14. Prueba alterna - Versión B: A viajar por Cuba*	14. Alternate Quiz - Form B: Let's Travel Through Cuba*
	15. Proyecto: Mi Álbum de recuerdos	15. Project: My Memory Album
	16. Proyecto Especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 10: Amigos en la República Dominicana		
Assignments		
Spanish I	1. Carlos y Sofía llegan a Santo Domingo	1. Charlie and Sophie Arrive in Santo Domingo
	2. Una aventura en Puerto Plata	2. An Adventure in Puerto Plata
	3. Proyecto: ¡A conversar!	3. Project: Let's Have a Conversation!
	4. Carlos y Sofía suben a una montaña	4. Charlie and Sophie Climb a Mountain
	5. Prueba 1: A prepararse para la aventura	5. Quiz 1: Getting Ready for the Adventure
	6. Prueba alterna - Versión A: A prepararse para la Aventura*	6. Alternate Quiz - Form A: Getting Ready for the Adventure*
	7. Prueba alterna - Versión B: A prepararse para la Aventura*	7. Alternate Quiz - Form B: Getting Ready for the Adventure*
	8. Sofía descubre larimar en Santiago	8. Sophie Discovers Larimar in Santiago
	9. Carlos y Sofía conocen las ballenas de la República Dominicana	9. Charlie and Sophie Meet the Whales of the Dominican Republic
	10. Carlos y Sofía están trabajando cuando llega un desastre	10. Charlie and Sophie Are Working When a Disaster Arrives
	11. Proyecto: ¡A cocinar arroz con leche!	11. Project: Let's Make Rice Pudding!
	12. Prueba 2: ¡En busca de buenos precios!	12. Quiz 2: In Search of Good Prices!
	13. Prueba alterna - Versión A: ¡En busca de Buenos precios!*	13. Alternate Quiz Form A: In Search of Good Prices!*
	14. Prueba alterna - Versión B: ¡En busca de Buenos precios!*	14. Alternate Quiz Form B: In Search of Good Prices!*
	15. Proyecto: Mi álbum de recuerdos	15. Project: My Memory Album
	16. Proyecto Especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 11: Amigos en Panamá		
Assignments		
Spanish I	1. Carlos y Sofía llegan a la capital de Panamá	1. Charlie and Sophie Arrive in the Capital of Panama
	2. Carlos y Sofía piden direcciones	2. Charlie and Sophie Ask for Directions
	3. Proyecto: A explorar la ciudad	3. Project: Let's Explore the City
	4. Prueba 1: A conocer la capital de Panamá	4. Quiz 1: Let's Get To Know the Capital of Panama
	5. Prueba alterna - Versión A: A conocer la capital de Panamá*	5. Alternate Quiz - Form A: Let's Get To Know the Capital of Panama*
	6. Prueba alterna - Versión B: A conocer la capital de Panamá*	6. Alternate Quiz - Form B: Let's Get To Know the Capital of Panama*
	7. Carlos y Sofía viajan por El Canal de Panamá	7. Charlie and Sophie Travel the Panama Canal
	8. Carlos y Sofía recuerdan sus viajes	8. Charlie and Sophie Remember their Travels
	9. Carlos y Sofía recuerdan las aventuras de todo el año	9. Charlie and Sophie Remember their Adventures throughout the Year
	10. Proyecto: La presentación de diapositivas de mis recuerdos inolvidables	10. Project: My Slide Show of Unforgettable Memories
	11. Prueba 2: A viajar por Panamá	11. Quiz 2: Let's Travel Panama
	12. Prueba alterna - Versión A: A viajar por Panamá*	12. Alternate Quiz - Form A: Let's Travel Panama*
	13. Prueba alterna - Versión B: A viajar por Panamá*	13. Alternate Quiz - Form B: Let's Travel Panama*
	14. Proyecto Especial*	14. Special Project*
	15. Repaso	15. Review
	16. Examen	16. Exam
	17. Examen alterno - Versión A*	17. Alternate Exam – Form A*
	18. Examen alterno - Versión B*	18. Alternate Exam – Form B*
	19. Glosario y créditos	19. Glossary and Credits

Unit 12: Repaso y Examen Semestral		
Assignments		
Spanish I	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

Spanish II

Spanish II is a high school foreign language course that builds upon skills and concepts taught in *Spanish I*, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in both oral and written communication.
- Use vocabulary necessary to live in a Spanish-speaking country.
- Demonstrate an understanding of Hispanic countries.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

This course gives students practice using the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

Unit 1: Amigos en el Mundo		
Assignments		
Spanish II	1. Course Overview	1. Course Overview
	2. Introducción al mundo hispanohablante	2. Introduction to the Spanish Speaking World
	3. El español en los EE.UU.	3. Spanish in the U.S.
	4. ¿Por qué hablamos tanto el español?	4. Why Do We Speak Spanish So Much?
	5. Del viejo mundo al nuevo mundo	5. From the Old World to the New World
	6. Prueba 1: Me gusta el español	6. Quiz 1: I like Spanish
	7. Prueba alterna - Versión A: Me gusta el español*	7. Alternate Quiz - Form A: I like Spanish*
	8. Prueba alterna - Versión B: Me gusta el español*	8. Alternate Quiz - Form B: I like Spanish*
	9. Del nuevo mundo al viejo mundo	9. From the New World to the Old World
	10. ¿Qué haces todos los días?	10. What Do You Do Every Day?
	11. Prueba 2: La rutina diaria	11. Quiz 2: Daily Routine
	12. Prueba alterna - Versión A: La rutina diaria*	12. Alternate Quiz - Form A: Daily Routine*
	13. Prueba alterna - Versión B: La rutina diaria*	13. Alternate Quiz - Form B: Daily Routine*
	14. ¡Cosas que hacer y lugares adónde viajar!	14. Things to Do and Places to Go!
	15. ¡Ágape!	15. Potluck
	16. Ser o no ser	16. To Be or Not to Be
	17. Una despedida cariñosa	17. A Fond Farewell
	18. ¿Cómo es tu rutina diaria?	18. Project: How Is Your Daily Routine?
	19. Prueba 3: En casa y de paseo	19. Quiz 2: At Home and Out and About
	20. Prueba alterna - Versión A: En casa y de paseo*	20. Alternate Quiz - Form A: At Home and Out and About*
	21. Prueba alterna - Versión B: En casa y de paseo*	21. Alternate Quiz - Form B: At Home and Out and About*
	22. Proyecto especial*	22. Special Project*
	23. Repaso	23. Review
	24. Examen	24. Exam
	25. Examen alterno - Versión A*	25. Alternate Exam – Form A*
	26. Examen alterno - Versión B*	26. Alternate Exam – Form B*
	27. Glosario y créditos	27. Glossary and Credits

Unit 2: Amigos en Chile				
Assignments				
Spanish II	1.	El programa de intercambio 'Vive y aprende'	1.	The 'Live and Learn' Exchange Program
	2.	Una lección de geografía	2.	A Geography Lesson
	3.	Una excursión educativa	3.	An Educational Field Trip
	4.	Prueba 1: Me gusta estudiar en Chile	4.	Quiz 1: I Love Studying in Chile
	5.	Prueba alterna - Versión A: Me gusta estudiar en Chile*	5.	Alternate Quiz - Form A: I Love Studying in Chile*
	6.	Prueba alterna - Versión B: Me gusta estudiar en Chile*	6.	Alternate Quiz - Form B: I Love Studying in Chile*
	7.	El primer día de clases	7.	The First Day of Classes
	8.	La clase de deportes	8.	P.E. Class
	9.	La clase de literatura	9.	Literature Class
	10.	Prueba 2: Personajes chilenos	10.	Quiz 2: Chilean Personalities
	11.	Prueba alterna - Versión A: Personajes chilenos	11.	Alternate Quiz - Form A: Chilean Personalities*
	12.	Prueba alterna - Versión B: Personajes chilenos	12.	Alternate Quiz - Form B: Chilean Personalities*
	13.	¡Aprender otro idioma es difícil!	13.	Learning another language is hard!
	14.	¡Ser maestro es difícil!	14.	Being a teacher is hard!
	15.	La naturaleza es una buena maestra	15.	Nature Is a Good Teacher
	16.	Proyecto: La escuela ideal	16.	Project: The Ideal School
	17.	Prueba 3: Chile: Fin del Cono Sur	17.	Quiz 3: Chile: The Southern Cone's End
	18.	Prueba alterna - Versión A: Chile: Fin del Cono Sur*	18.	Alternate Quiz - Form A: Chile: The Southern Cone's End*
	19.	Prueba alterna - Versión B: Chile: Fin del Cono Sur*	19.	Alternate Quiz - Form B: Chile: The Southern Cone's End*
	20.	Proyecto especial*	20.	Special Project*
	21.	Repaso	21.	Review
	22.	Examen	22.	Exam
	23.	Examen alterno - Versión A*	23.	Alternate Exam – Form A*
	24.	Examen alterno - Versión B*	24.	Alternate Exam – Form B*
	25.	Glosario y créditos	25.	Glossary and Credits

Unit 3: Amigos en Venezuela		
Assignments		
Spanish II	1. La tierra de gracia	1. Land of Grace
	2. Caracas: El hogar de Simón Bolívar	2. Caracas: Home of Simon Bolivar
	3. Una lección de geografía	3. A Geography Lesson
	4. Prueba 1: Estamos en Venezuela	4. Quiz 1: We are in Venezuela
	5. Prueba alterna - Versión A: Estamos en Venezuela*	5. Alternate Quiz - Form A: We are in Venezuela*
	6. Prueba alterna - Versión B: Estamos en Venezuela*	6. Alternate Quiz - Form B: We are in Venezuela*
	7. Los venezolanos: Un crisol de la raza humana	7. Venezuelans: A Melting Pot of Humanity
	8. Buen porte y buenos modales abren puertas principales	8. Etiquette is the Key to Success
	9. Venezuela: Valores y tradiciones	9. Venezuela: Values and Traditions
	10. Prueba 2: La Feria Internacional de Artesanos de Venezuela	10. Quiz 2: The International Craft Fair in Venezuela
	11. Prueba alterna - Versión A: La Feria Internacional de Artesanos de Venezuela*	11. Alternate Quiz - Form A: The International Craft Fair in Venezuela*
	12. Prueba alterna - Versión B: La Feria Internacional de Artesanos de Venezuela*	12. Alternate Quiz - Form B: The International Craft Fair in Venezuela*
	13. ¡Disfrutemos al aire libre en la isla Margarita!	13. Let's enjoy the Outdoors on Margarita Island!
	14. Proyecto especial de un folleto turístico	14. Project: A Tourist Pamphlet
	15. La música y el baile	15. Music and Dance
	16. La gastronomía venezolana	16. Venezuelan Cuisine
	17. ¡A jugar béisbol!	17. Play Ball!
	18. Prueba 3: Lo tuyo es mío y lo mío es tuyo	18. Quiz 3: What is yours is mine and what is mine is yours
	19. Prueba alterna - Versión A: Lo tuyo es mío y lo mío es tuyo*	19. Alternate Quiz - Form A: What is yours is mine and what is mine is yours*
	20. Prueba alterna - Versión B: Lo tuyo es mío y lo mío es tuyo*	20. Alternate Quiz - Form B: What is yours is mine and what is mine is yours*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credits

Unit 4: Amigos en Perú		
Assignments		
Spanish II	1. Próximo destino: Perú	1. Next Stop: Peru
	2. Me encanta el Perú	2. I love Peru
	3. Cusco: La capital antigua de los incas	3. Cusco: The Ancient Capital of Incas
	4. ¡Machu Picchu es una maravilla!	4. Macchu Picchu is a Wonder!
	5. Prueba 1: Amo el Perú	5. Quiz 1: I love Peru
	6. Prueba alterna - Versión A: Amo el Perú*	6. Alternate Quiz - Form A: I love Peru*
	7. Prueba alterna - Versión B: Amo el Perú*	7. Alternate Quiz - Form B: I love Peru*
	8. Puno y Lago Titicaca	8. Puno and Lake Titicaca
	9. El choque cultural	9. Culture Shock
	10. Proyecto: La importancia del patrimonio cultural	10. Project: The Importance of Cultural Heritage
	11. La selva amazónica y Puerto Maldonado	11. The Amazon Rainforest and Puerto Maldonado
	12. Perdido en la traducción	12. Lost in the Translation
	13. Prueba 2: Las zonas del Perú	13. Quiz 2: Peru's Areas
	14. Prueba alterna - Versión A: Las zonas del Perú*	14. Alternate Quiz - Form A: Peru's Areas*
	15. Prueba alterna - Versión B: Las zonas del Perú*	15. Alternate Quiz - Form B: Peru's Areas*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 5: Amigos en Colombia				
Assignments				
Spanish II	1.	La arqueología: Una carrera ideal para Sofía	1.	Archeology: An Ideal Career for Sophie
	2.	Carlos: 'Yo quiero ser arquitecto'	2.	Charlie: I Want to Be an Architect
	3.	¿Un trabajo o una carrera?	3.	A Job Versus a Career
	4.	Las profesiones y los oficios	4.	Professions and Trades
	5.	Prueba 1: ¿Una carrera o un trabajo?	5.	Quiz 1: A Career or a Job?
	6.	Prueba alterna - Versión A: ¿Una carrera o un trabajo?*	6.	Alternate Quiz - Form A: A Career or a Job?*
	7.	Prueba alterna - Versión B: ¿Una carrera o un trabajo?*	7.	Alternate Quiz - Form B: A Career or a Job?*
	8.	Un viaje a Cartagena	8.	A Trip to Cartagena
	9.	La influencia española en Colombia	9.	Spanish Influence in Colombia
	10.	Proyecto: La exploración de carreras	10.	Project: Career Exploration
	11.	Prueba 2: Profesiones	11.	Quiz 2: Professions
	12.	Prueba alterna - Versión A: Profesiones*	12.	Alternate Quiz - Form A: Professions*
	13.	Prueba alterna - Versión B: Profesiones*	13.	Alternate Quiz - Form B: Professions*
	14.	El mesero distraído	14.	The Absent-minded Waiter
	15.	Carlos llena una solicitud de empleo	15.	Charlie Fills Out a Job Application
	16.	Proyecto: Una tableau vivant o pintura viviente	16.	Project: A Tableau Vivant or Living Picture
	17.	La entrevista de empleo	17.	The Job Interview
	18.	Prueba 3: La feria de las flores	18.	Quiz 3: The Flower Fair
	19.	Prueba alterna - Versión A: La feria de las flores*	19.	Alternate Quiz - Form A: The Flower Fair*
	20.	Prueba alterna - Versión B: La feria de las flores*	20.	Alternate Quiz - Form B: The Flower Fair*
	21.	Proyecto especial*	21.	Special Project*
	22.	Repaso	22.	Review
	23.	Examen	23.	Exam
	24.	Examen alterno - Versión A*	24.	Alternate Exam – Form A*
	25.	Examen alterno - Versión B*	25.	Alternate Exam – Form B*
	26.	Glosario y créditos	26.	Glossary and Credits

Unit 6: Repaso y Examen Semestral		
Spanish II	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

Unit 7: Amigos en Guatemala		
Spanish II	Assignments	
	1. Un viaje en camioneta	1. A Truck Ride
	2. ¡A aplanar calles en Antigua!	2. Wandering the Streets of Antigua!
	3. ¡Toqué una tortuga!	3. I Touched a Turtle!
	4. Tantos murieron...	4. So Many Died ...
	5. Prueba 1: ¡Guatemala es lo máximo!	5. Quiz 1: Guatemala is the best!
	6. Prueba alterna - Versión A: ¡Guatemala es lo máximo!*	6. Alternate Quiz - Form A: Guatemala is the best!*
	7. Prueba alterna - Versión B: ¡Guatemala es lo máximo!*	7. Alternate Quiz - Form B: Guatemala is the best!*
	8. Un recorrido por Tikal	8. A Tour of Tikal
	9. Un guardabosques hablador	9. A Talkative Ranger
	10. Estuvimos en Chichicastenango	10. We were in Chichicastenango
	11. Proyecto: Mi diario imaginario	11. Project: My Imaginary Diary
	12. Prueba 2: Tikal, Chichicastenango y el volcán Pacaya	12. Quiz 2: Tikal, Chichicastenango and the Pacaya Volcano
	13. Prueba alterna - Versión A: Tikal, Chichicastenango y el volcán Pacaya*	13. Alternate Quiz - Form A: Tikal, Chichicastenango and the Pacaya Volcano*
	14. Prueba alterna - Versión B: Tikal, Chichicastenango y el volcán Pacaya*	14. Alternate Quiz - Form B: Tikal, Chichicastenango and the Pacaya Volcano*
	15. ¿Y eso se come?	15. And You Eat That?
	16. Se dice que...	16. It is Said that ...
	17. Proyecto: Mi receta secreta	17. Project: My Secret Recipe
	18. Prueba 3: ¡Hasta luego Guatemala!	18. Quiz 3: Bye, Guatemala!
	19. Prueba alterna - Versión A: ¡Hasta luego Guatemala!*	19. Alternate Quiz - Form A: Bye, Guatemala!*
	20. Prueba alterna - Versión B: ¡Hasta luego Guatemala!*	20. Alternate Quiz - Form B: Bye, Guatemala!*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
26. Glosario y créditos	26. Glossary and Credits	

Unit 8: Amigos en Bolivia y Ecuador		
Assignments		
Spanish II	1. Las dos ciudades capitales	1. The Two Capital Cities
	2. Andábamos por Tiahuanacu y el lago Titicaca	2. We Were Walking Through Tiahuanacu and Lake Titicaca
	3. ¿Querías sal para esa comida?	3. Did You Want Salt for that Meal?
	4. Íbamos a Cochabamba cuando yo era niña...	4. We Would Go To Cochabamba When I Was Little...
	5. El camino inca	5. Inca Trail
	6. Proyecto: Mi árbol de conversación	6. Project: My Conversation Tree
	7. Prueba 1: De Capítulo Uno	7. Quiz 1: From Chapter One
	8. Prueba alterna - Versión A: De Capítulo Uno*	8. Alternate Quiz - Form A: From Chapter One*
	9. Prueba alterna - Versión B: De Capítulo Uno*	9. Alternate Quiz - Form B: From Chapter One*
	10. ¿Conoces Guayaquil? ¿Qué sabes de ella?	10. Have You Been to Guayaquil? What Do You Know About It?
	11. Conocimos mucho sobre Quito	11. We Learned a lot about Quito
	12. ¡A conocer la región de la amazonía!	12. To know the region of the Amazon!
	13. Las islas Galápagos	13. The Galapagos Islands
	14. Proyecto: Una composición sobre mi niñez	14. Project: A Composition About My Childhood
	15. Prueba 2: De Capítulo Dos	15. Quiz 2: From Chapter Two
	16. Prueba alterna - Versión A: De Capítulo Dos*	16. Alternate Quiz - Form A: From Chapter Two*
	17. Prueba alterna - Versión B: De Capítulo Dos*	17. Alternate Quiz - Form B: From Chapter Two*
	18. Proyecto Especial*	18. Special Project*
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Alternate Test – Form A*
	22. Examen alterno - Versión B*	22. Alternate Exam – Form B*
	23. Glosario y créditos	23. Glossary and Credits

Unit 9: Amigos en Costa Rica		
Assignments		
Spanish II	1. ¡Pura vida! en San José Costa Rica.	1. Things Are Great In San José, Costa Rica!
	2. ¡A hablar del pasado!	2. Let's Talk about the Past!
	3. La hospitalidad de los ticos de Parismina	3. The Hospitality of the Costa Ricans of Parismina
	4. La vida en la selva costarricense	4. Life in the Costa Rican jungle
	5. Un sismo de 6,2º en la escala de Richter, ¡qué desastre!	5. An Earthquake Measuring 6.2 ° on the Richter Scale, What a Mess!
	6. Una mina de oro para los turistas.	6. A Gold Mine for Tourists.
	7. El turismo astronómico: ¡la vista de estrellas más hermosa del mundo!	7. Astronomy for Tourists: The Most Beautiful View of the Stars in the World!
	8. Prueba 1: ¡Pura vida Costa Rica!	8. Quiz 1: Costa Rica, It's All Good!
	9. Prueba alterna - Version A: ¡Pura vida Costa Rica!*	9. Alternate Quiz - Form A - Costa Rica, It's All Good!*
	10. Prueba alterna - Version B: ¡Pura vida Costa Rica!*	10. Alternate Quiz - Form B - Costa Rica, It's All Good!*
	11. La tecnología detrás de las industrias de Costa Rica	11. The Technology behind the Industries of Costa Rica
	12. Carlos y Sofía visitan el Caribe en Costa Rica	12. Charlie and Sophie Visit the Caribbean in Costa Rica
	13. Compañías multinacionales en Costa Rica	13. Multinational Companies in Costa Rica
	14. El instituto de tecnología	14. The Institute of Technology
	15. Una visita a la Amistad	15. A Visit to La Amistad
	16. Proyecto: Un gran recuerdo	16. Project: A Great Memory
	17. Prueba 2: Costa Rica en el pasado	17. Quiz 2 - Costa Rica in the Past
	18. Prueba alterna - Version A: Costa Rica en el pasado*	18. Alternate Quiz - Form A - Costa Rica in the Past*
	19. Prueba alterna - Version B: Costa Rica en el pasado*	19. Alternate Quiz - Form B - Costa Rica in the Past*
	20. Proyecto especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Test
	23. Examen alterno - Versión A*	23. Alternate Test – Form A*
	24. Examen alterno - Versión B*	24. Alternate Test – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 10: Amigos en Paraguay y Uruguay				
Assignments				
Spanish II	1.	Carlos y Sofía toman una clase de historia	1.	Charlie and Sophie Take a History Class
	2.	Carlos y Sofía juegan a buscar	2.	Charlie and Sophie Go on a Scavenger Hunt
	3.	Guten tag de Filadelfia, en Paraguay	3.	"Guten Tag" from Philadelphia in Paraguay
	4.	Bienvenidos al oriente de Paraguay	4.	Welcome to Eastern Paraguay
	5.	Proyecto: Cómo hacer lo que hago yo	5.	Project: How to Do what I Do
	6.	Prueba 1: Amigos en Paraguay	6.	Quiz 1 – Friends in Paraguay
	7.	Prueba alterna - Versión A: Amigos en Paraguay*	7.	Alternate Quiz - Form A - Friends in Paraguay*
	8.	Prueba alterna - Versión B: Amigos en Paraguay*	8.	Alternate Quiz - Form B - Friends in Paraguay*
	9.	Carlos y Sofía llegan a Montevideo	9.	Charlie and Sophie Arrive at Montevideo
	10.	Los pueblos del río Uruguay	10.	The River Towns of Uruguay
	11.	Carlos y Sofía exploran la frontera	11.	Charlie and Sophie Explore the Border
	12.	Carlos y Sofía conocen a un gaucho	12.	Charlie and Sophie Meet a Gaucho
	13.	Prueba 2: Amigos en Uruguay	13.	Quiz 2 - Friends in Uruguay
	14.	Prueba alterna - Versión A: Amigos en Uruguay*	14.	Alternate Quiz - Form A - Friends in Uruguay*
	15.	Prueba alterna - Versión B: Amigos en Uruguay*	15.	Alternate Quiz - Form B - Friends in Uruguay*
	16.	Proyecto especial*	16.	Special Project*
	17.	Repaso	17.	Review
	18.	Examen	18.	Test
	19.	Examen alterno - Versión A*	19.	Alternate Test – Form A*
	20.	Examen alterno - Versión B*	20.	Alternate Test – Form B*
	21.	Glosario y créditos	21.	Glossary and Credits

Unit 11: Amigos en Nicaragua		
Assignments		
Spanish II	1. ¡Conozcamos al doctor!	1. Let's Meet the Doctor!
	2. El agua de Nicaragua, ¡ojalá que mejore!	2. The Water of Nicaragua, Hopefully It Improves!
	3. Proyecto: La falta de agua potable en Nicaragua y algunos problemas de salud	3. Project: The Lack of Drinkable Water in Nicaragua and Related Health Problems
	4. ¡Me duele la cabeza!	4. I Have a Headache!
	5. Prueba 1: ¡No me siento bien!	5. Quiz 1: I Don't Feel Well!
	6. Prueba alterna - Versión A: ¡No me siento bien!*	6. Alternate Quiz - Form A: I Don't Feel Well!*
	7. Prueba alterna - Versión B: ¡No me siento bien!*	7. Alternate Quiz - Form B: I Don't Feel Well!*
	8. Carlos y Sofía se preparan para despedirse de Latino América	8. Charlie and Sophie Get Ready to Say Goodbye to Latin America
	9. Mamá y papá, ¡quiero que me compren un carro!	9. Mom and Dad, I Want You to Buy Me a Car!
	10. Proyecto: ¡Que te mantengas sano!	10. Project: May You Stay Healthy
	11. Amigos en Latino América	11. Friends in Latin America
	12. Proyecto: Mis consejos a los demás	12. Project: My Advice to Others
	13. Prueba 2: ¡Quiero que viajes bien y que comas comida buena!	13. Quiz 3 : I Hope That Your Travels Go Well and That You Eat Good Food!
	14. Prueba alterna - Versión A: ¡Quiero que viajes bien y que comas comida buena!*	14. Alternate Quiz - Form A : I Hope That Your Travels Go Well and That You Eat Good Food!*
	15. Prueba alterna - Versión B: ¡Quiero que viajes bien y que comas comida buena!*	15. Alternate Quiz - Form B : I Hope That Your Travels Go Well and That You Eat Good Food!*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Test
	19. Examen alterno - Versión A*	19. Alternate Test – Form A*
	20. Examen alterno - Versión B*	20. Alternate Test – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 12: Repaso y Examen Semestral		
Assignments		
Spanish II	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

Spanish III

Spanish III is a high school foreign language course that builds upon skills and concepts taught in Spanish II, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Speak Spanish in everyday situations to communicate with other Spanish speakers.
- Write accurately and appropriately in Spanish to communicate with other Spanish speakers.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries.
- Demonstrate an understanding of Hispanic countries and their corresponding cultures.

Unit 1: Somos Hispanos (We Are Hispanic)		
Assignments		
Spanish III	1. Course Overview	1. Course Overview
	2. Nuestra Lengua	2. Our Language
	3. Legado de Espana y de ostras culturas	3. The Legacy of Spain and Other Cultures
	4. Nuestras tradiciones y celebraciones	4. Our Traditions and Celebrations
	5. Prueba 1	5. Quiz 1
	6. Prueba 1 alterna – Versión A*	6. Quiz 1 Alternate: Form A*
	7. Prueba 1 alterna - Versión B*	7. Quiz 1 Alternate: Form B*
	8. Nuestra historia	8. Our History
	9. Nuestros antepasados	9. Our Ancestors
	10. Nuestra tierra natal	10. Our Land
	11. Proyecto 1: Entrevista de hablantes de otros idiomas	11. Project 1: Interview Speakers of Other Languages
	12. Prueba 2	12. Quiz 2
	13. Prueba 2 alterna - Versión A*	13. Quiz 2 Alternate: Form A*
	14. Prueba 2 alterna - Versión B*	14. Quiz 2 Alternate: Form B*
	15. Nuestros valores	15. Our Values
	16. Nuestra gente	16. Our People
	17. Nuestra presencia en el mundo	17. Our Presence in the World
	18. Proyecto 2: Comparación de la vida en familia	18. Project 2: Comparison of Family Life
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Test - Alternate: Form A*
	22. Examen alterno - Versión B*	22. Test - Alternate: Form B*
	23. Glosario y créditos	23. Glossary and Credits

Unit 2: Día a Día (Day to Day)		
Assignments		
Spanish III	1. Así somos	1. What We're Like
	2. Así nos divertimos	2. How We Have Fun
	3. Nuestra vida social	3. Our Social Life
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. En el colegio	7. At school
	8. En casa	8. At home
	9. En familia	9. As a Family
	10. Proyecto 1: Una escuela del mundo hispanohablante	10. Project 1: A School in the Spanish-speaking World
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Las relaciones familiares	14. Our Family Relationships
	15. Cómo me pueden ayudar	15. How they Can Help Me
	16. ¡Comuniquémonos!	16. Communicate!
	17. Proyecto 2: Mi red social	17. Project 2: My Social Network
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 3: Noticias, Farándula, y Entretenimiento (News, Showbusiness, and Entertainment)		
Assignments		
Spanish III	1. Noticias de primera plana	1. Front Page News
	2. El mundo del deporte	2. The World of Sports
	3. El mundo de la política	3. The World of Politics
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. La página social	7. Society Pages
	8. Los clasificados	8. Classifieds
	9. El mundo de la televisión	9. The World of TV
	10. Proyecto 1: Televisión en español	10. Project 1: Television in Spanish
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. El mundo de cine	14. The World of Film
	15. La farándula y el entretenimiento	15. Showbusiness and Entertainment
	16. Pronóstico del clima	16. Weather Forecast
	17. Proyecto 2: Cine en español	17. Project 2: Movies in Spanish
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 4: Tecnología y Comunicación (Technology and Communication)		
Assignments		
Spanish III	1. De la llamada telefónica al mensaje de texto	1. From Phone Calls to Text Messages
	2. Lenguaje cibernético en español	2. Cyber Language in Spanish
	3. Foros de información en español	3. Informational Forums in Spanish
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Aprendizaje y trabajo a distancia	7. Remote Learning and Working
	8. Muchas carreras para elegir	8. The Best Careers
	9. Los mejores trabajos	9. The Best Jobs
	10. Proyecto 1: En busca de trabajo	10. Project 1: Looking for Work
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Desafíos de la tecnología	14. Challenges Posed by Technology
	15. Robots en la actualidad y en el futuro	15. Robots Now and in the Future
	16. Entretenimiento virtual	16. Virtual Entertainment
	17. Proyecto 2: ¿Cómo usan la tecnología?	17. Project 2: How Do You Use Technology?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 5: A Nuestro Alrededor (All Around Us)		
Assignments		
Spanish III	1. Ciudades espectaculares	1. Spectacular Cities
	2. Lo mejor de la vida en la ciudad	2. The Best of City Life
	3. Parques y recreación	3. Parks and Recreation
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. ¿Adónde vas de compras?	7. Where do you go shopping?
	8. Grandes eventos deportivos y populares	8. Major Sporting Events and Other Popular Events
	9. ¿Por qué no vamos en metro?	9. Why Don't We Take the Subway?
	10. Proyecto 1: Problemas de tráfico	10. Project 1: Traffic Problems
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. La cultura campesina	14. Rural Culture
	15. Del pueblo a la ciudad	15. From the Country to the City
	16. La sobrepoblación	16. Overpopulation
	17. Proyecto 2: ¿Dónde les gusta vivir?	17. Project 2: Where do you like to live?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 6: Repaso y Examen Semestral (Semester Review and Exam)		
Spanish III	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Test
	3. Examen alterno - Versión A*	3. Test - Alternative: Form A*
	4. Examen alterno - Versión B*	4. Test - Alternative: Form B*

Unit 7: De Viaje (Traveling)		
Spanish III	Assignments	
	1. ¿Adónde quieres ir?	1. Where Do You Want to Go?
	2. Paquetes vacacionales	2. Vacation Packages
	3. Un viaje por tierra	3. Traveling by Land
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Un crucero por el Caribe	7. A Caribbean Cruise
	8. Unos días en la costa mexicana	8. A Few Days on the Mexican Coast
	9. Un viaje de negocios	9. A Business Trip
	10. Proyecto 1: Planes de viaje	10. Project 1: Travel Plans
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Vamos a España	14. Let's Go To Spain
	15. Un viaje por el Cono Sur	15. A Trip to the Southern Cone
	16. El ecoturismo	16. Ecotourism
	17. Proyecto 2: Preferencias turísticas	17. Project 2: Tourist Preferences
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 8: La Salud y el Bienestar (Health and Wellbeing)		
Assignments		
Spanish III	1. ¿Qué haces para mantenerte en forma?	1. What Do You Do To Stay in Shape?
	2. Alimentación y nutrición	2. Food and Nutrition
	3. Dietas étnicas	3. Ethnic Diets
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Médicos de cabecera	7. Family Doctors
	8. En la sala de emergencias	8. In the Emergency Room
	9. El farmacéuta hispano	9. The Hispanic Pharmacist
	10. Proyecto 1: Recomendaciones saludables	10. Project 1: Healthy Recommendations
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Avances en medicina	14. Advances in Medicine
	15. La medicina alternativa	15. Alternative Medicine
	16. La esperanza de vida	16. Life Expectancy
	17. Proyecto 2: La experiencia del tiempo	17. Project 2: The Experience of Time
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 9: Protejamos Nuestro Planeta (Let's Protect Our Planet)		
Assignments		
Spanish III	1. La contaminación	1. Pollution
	2. La búsqueda de petróleo	2. The Search for Oil
	3. Las amenazas al medio ambiente	3. Threats to the Environment
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. La caza de animales	7. Hunting
	8. Especies en peligro de extinción	8. Endangered Species
	9. Áreas protegidas	9. Protected Areas
	10. Proyecto 1: Una especie para proteger	10. Project 1: A Species to Protect
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Organizaciones Globales de Conservación	14. Global Conservation Organizations
	15. El reciclaje	15. Recycling
	16. Soluciones	16. Solutions
	17. Proyecto 2: Colabora con el medio ambiente	17. Project 2: Environmental Collaboration
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A	20. Test - Alternative: Form A
	21. Examen alterno - Versión B	21. Test - Alternative: Form B
	22. Glosario y créditos (Glossary and Credits)	22. Test - Alternative: Form B

Unit 10: Huellas del Pasado (In the Footsteps of the Past)		
Assignments		
Spanish III	1. La arqueología	1. Archaeology
	2. Animales gigantes	2. Giant Animals
	3. Las momias de Sudamérica	3. The Mummies from South America
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. ¿Signos de otro planeta?	7. Signs from Another Planet?
	8. Marcas del pasado	8. Traces of the Past
	9. Ciudades escondidas	9. Hidden Cities
	10. Proyecto 1: Una zona arqueológica del mundo hispanohablante	10. Project 1: An Archaeological Zone in the Spanish-speaking World
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Construcciones misteriosas	14. Mysterious Constructions
	15. El legado escrito	15. The Written Legacy
	16. Música natural	16. The Music of Nature
	17. Proyecto 2: Las culturas indígenas	17. Project 2: Indigenous Cultures
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 11: La Conciencia Social (Social Consciousness)		
Assignments		
Spanish III	1. Elecciones	1. Elections
	2. Formas de gobierno	2. Types of Government
	3. Derechos y deberes de las personas	3. Rights and Duties of Individuals
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Comercio internacional	7. International Trade
	8. Programas internacionales	8. International Programs
	9. La agricultura comunal	9. Communal Agriculture
	10. Proyecto 1: La conciencia social y el voluntariado	10. Project 1: Social Awareness and Volunteering
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. La emigración	14. Emigration
	15. Las manifestaciones y las protestas	15. Demonstrations and Protests
	16. La juventud hispana	16. Hispanic Youth
	17. Proyecto 2: ¿Es la conciencia social importante?	17. Project 2: Is a Social Conscience Important?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 12: Repaso y Examen Semestral (Semester Review and Exam)		
Assignments		
Spanish III	1. Repaso	1. Review
	2. Examen	2. Test
	3. Examen alterno - Versión A*	3. Test - Alternative: Form A*
	4. Examen alterno - Versión B*	4. Test - Alternative: Form B*

Trigonometry

Trigonometry is a five-unit elective course for high school students who have successfully completed Algebra I, Geometry, and Algebra II. The materials cover a development of trigonometry from right triangle trigonometry to oblique triangles and the polar plane. Throughout the course, students will develop trigonometric formulas and use them in real-world applications, evaluate trigonometric proofs using complex trigonometric identities and solving trigonometric equations with regard to the unit circle.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Use trigonometry as a tool for indirect measurement.
- Model natural phenomenon with trigonometric functions.
- Perform operations with complex numbers using trigonometry.
- Use trigonometric identities to evaluate trigonometric proofs and solve trigonometric equations with regard to the unit circle.
- Solve for unknown sides and angles of right and oblique triangles using right triangle trigonometry, law of sines and law of cosines.

In attaining these goals, students will begin to see the "big picture" of mathematics and understand how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

Unit 1: Right Triangle Trigonometry	
Assignments	
Trigonometry	1. Course Overview
	2. Lengths of Sides
	3. Angle Measures
	4. Indirect Measure
	5. Quiz 1: Solving a Right Triangle
	6. Angles in the Coordinate Plane
	7. The Unit Circle
	8. Trigonometric Values of Special Angles
	9. Quiz 2: The Unit Circle and Special Angles
	10. Reciprocal Functions
	11. Points on the Terminal Side
	12. Pythagorean Identities
	13. Quiz 3: The Reciprocal Functions and Identities
	14. Radian Measure
	15. Reference Angles
	16. Velocity
	17. Quiz 4: Radian Measure
	18. Project: Parametric Equations
	19. Special Project*
	20. Review
	21. Test
	22. Alternate Test*
	23. Glossary and Credits

Unit 2: Graphing and Inverse Functions				
Assignments				
Trigonometry	1.	Graphing and Amplitude	10.	Trigonometric Equations: Part II
	2.	Project: The Reciprocal Functions	11.	Quiz 2: Inverse Trigonometric Functions
	3.	Period and Frequency	12.	Project: Modeling with Periodic Functions
	4.	Vertical and Horizontal Translations	13.	Special Project*
	5.	Sinusoidal Functions	14.	Review
	6.	Quiz 1: Graphing	15.	Test
	7.	Inverse Functions	16.	Alternate Test*
	8.	Inverse Reciprocal Functions	17.	Glossary and Credits
	9.	Trigonometric Equations: Part I		

Unit 3: Analytic Trigonometry				
Assignments				
Trigonometry	1.	The Fundamental Trigonometric Identities	10.	Converting Between Products and Sums
	2.	Proving Identities	11.	Quiz 2: More Identities
	3.	Cosine Addition Formula	12.	Project: Adding Waves
	4.	Sine Addition Formula	13.	Special Project*
	5.	Tangent Addition Formula	14.	Review
	6.	Quiz 1: Identities and Addition Formulas	15.	Test
	7.	Double-Angle Formulas	16.	Alternate Test*
	8.	Project: Solving Equations Graphically	17.	Glossary and Credits
	9.	Half-Angle Formulas		

Unit 4: Trigonometric Applications				
Assignments				
Trigonometry	1.	Law of Sines	9.	Navigation Application
	2.	Ambiguity and Area of a Triangle	10.	Vector Multiplication
	3.	Law of Cosines: Finding a Side	11.	Quiz 2: Vectors
	4.	Law of Cosines: Finding an Angle	12.	Special Project*
	5.	Project: Heron's Formula	13.	Review
	6.	Quiz 1: Trigonometry of Oblique Triangles	14.	Test
	7.	Introduction to Vectors	15.	Alternate Test*
	8.	Vector Components	16.	Glossary and Credits

Unit 5: Polar Coordinates				
Assignments				
Trigonometry	1.	Introduction to Polar Coordinates	9.	Powers and Nth Roots
	2.	Polar Equations	10.	Project: Fractals
	3.	Project: Graphing in the Polar Plane	11.	Quiz 2: Complex Numbers
	4.	Polar Curves	12.	Special Project*
	5.	Polar Forms of Conics	13.	Review
	6.	Quiz 1: Polar Equations	14.	Test
	7.	Polar Form of Complex Numbers	15.	Alternate Test*
	8.	Multiply and Divide Complex Numbers	16.	Glossary and Credits

Unit 6: Course Review and Exam	
Trig.	Assignments
	1. Review
	2. Exam
	3. Alternate Exam*

Twentieth Century American History

Twentieth Century American History is a history elective for high school students interested in examining American history during a century of change, continuity, and conflicts.

Students will examine America's economic, political, governmental, cultural, and technological growing pains during the twentieth century. They will also consider the causes and effects of national and international cooperation, competition, and conflict.

- **Unit 1:** Students will examine the major economic, political, and social changes of the 1800s including: the Industrial Revolution, urbanization, and immigration.
- **Unit 2:** Students will explore the effects of the late 1800s by looking at all aspects of Progressivism.
- **Unit 3:** Students will study issues that occurred after World War I including the Russian Revolution, the Red Scare, and the three presidents following Woodrow Wilson.
- **Unit 4:** Students will obtain knowledge on World War II, the Cold War, Eisenhower, and post-war American society.
- **Unit 5:** Students will identify the Civil Rights Movement, the rise of conservatism, post-Cold War foreign policy, and the economic and social issues facing contemporary America.

In attaining these goals, students will develop insight and perspective on the themes and patterns of history and a greater understanding of today's world.

Twentieth Century American History	Unit 1: Coming of Age	
	Assignments	
	1. Course Overview	11. Quiz 2: Immigration and Urbanization
	2. Entering the Industrial Age	12. Women's Roles in Society
	3. Industrialists and Big Business	13. Race Relations and Discrimination
	4. The American Workforce	14. Education and Entertainment
	5. Farmers and Populists	15. Quiz 3: American Society
	6. Quiz 1: The Industrial United States	16. Special Project*
	7. Immigration at the Turn of the Century	17. Review
	8. Corruption and Political Machines	18. Test
	9. Growth of Cities	19. Alternate Test*
	10. Project: Immigrant Experience	20. Glossary and Credits

Twentieth Century American History	Unit 2: Modern America Emerges	
	Assignments	
	1. Progressivism	11. The United States Enters the War
	2. Progressive Reforms	12. Supporting the War Effort
	3. Leaders and Limitations of Progressivism	13. Wilson's Peace Plan
	4. Quiz 1: Progressive Era	14. Quiz 3: World War I
	5. Global Imperialism	15. Special Project*
	6. American Expansionism	16. Review
	7. The United States as a World Power	17. Test
	8. Project: Panama Canal	18. Alternate Test*
	9. Quiz 2: American Imperialism	19. Glossary and Credits
10. Causes of World War I	20. The United States Enters the War	

Twentieth Century American History	Unit 3: Boom to Bust	
	Assignments	
	1. Russian Revolution	12. World Is Depressed
	2. Red Scare	13. Quiz 3: Great Depression
	3. Return to Normalcy	14. A New Deal for Americans
	4. Rise of a Consumer Culture	15. Deal or No Deal
	5. Quiz 1: Postwar Issues	16. Project: New Deal Programs
	6. Prohibition	17. Quiz 4: New Deal
	7. Flappers and Popular Culture	18. Special Project*
	8. Harlem Renaissance	19. Review
	9. Quiz 2: Roaring Twenties	20. Test
10. Uncle Sam Is Depressed	21. Alternate Test*	
11. Devastation of the Depression	22. Glossary and Credits	

Twentieth Century American History	Unit 4: World War II and the Cold War	
	Assignments	
	1. Isolationism and Nationalism	13. Cold War Chills Americans
	2. Moving from Isolationism to War	14. Quiz 3: Cold War
	3. Quiz 1: Path to War	15. Truman Show
	4. Americans Mobilize	16. Eisenhower Years
	5. European Theatre	17. Nifty Fifties
	6. Holocaust	18. Quiz 4: Post-World War II America
	7. Pacific Theatre	19. Special Project*
	8. America's Greatest Generation	20. Review
	9. Quiz 2: Uncle Sam at War	21. Test
10. Origins of the Cold War	22. Alternate Test*	
11. China and Korea	23. Glossary and Credits	
12. Superpowers Compete for Influence		

Twentieth Century American History	Unit 5: Change, Continuity, and Conflict	
	Assignments	
	1. Challenging Segregation	11. Immigration and Migration
	2. Civil Rights Movement	12. Social and Religious Changes
	3. Era of Activism	13. Women's Movement
	4. Quiz 1: Civil Rights and Social Change	14. Quiz 3: Contemporary America
	5. Trouble in the White House	15. Special Project*
	6. Conservative Revolution	16. Review
	7. Post-Cold War Foreign Policy	17. Test
	8. Project: Comparison Matrix	18. Alternate Test*
	9. Quiz 2: Foreign Policy and Domestic Politics	19. Glossary and Credits
	10. Global Economy	

TCAH	Unit 5: Change, Continuity, and Conflict	
	Assignments	
	1. Review	3. Alternate Exam
	2. Exam	

Vietnam Era

What comes to mind when you think about the Vietnam Era? For many, that period represents a difficult time in U.S. history. It is defined by an unpopular war that claimed the lives of 58,000 Americans and some 3 million Vietnamese. In this course, you'll look at the history of the Vietnam War. The roots of the conflict stretch further back than you might know. You'll examine why the United States got involved in the conflict and why the United States failed to achieve its objectives.

- **Unit 1:** Students will learn about the history of Vietnam before the war and explain why the United States got involved in Vietnam.
- **Unit 2:** Students will study the growth of U.S. involvement in Vietnam following the 1954 Geneva Accords to the first American combat troops in 1965 after the Gulf of Tonkin incident.
- **Unit 3:** Students will describe fighting techniques and efforts by both the Vietnamese and Americans as well as the U.S. public opinion about the war.
- **Unit 4:** Students will explore the Tet Offensive, Vietnamization, and the end of the war.
- **Unit 5:** Students will identify the outcome of the Vietnam War, examine the 1973 Paris Peace Accords, and explain the impact of the Vietnam War on American foreign policy.

Unit 1: The Origins of U.S. Involvement in Vietnam	
Vietnam Era	Assignments
	1. Course Overview
	2. Vietnam
	3. Early History
	4. French Indochina
	5. Quiz 1: Toward French Colonization
	6. Nationalist Movement
	7. World War II
	8. The French Indochina War
	9. Quiz 2: Vietnamese Nationalism
	10. Falling Dominoes
11. Dien Bien Phu	
12. The Geneva Accords	
13. Essay: The U.S. Policy for Vietnam	
14. Quiz 3: Vietnam and the Cold War	
15. Special Project*	
16. Review	
17. Test	
18. Alternate Test*	
19. Glossary and Credits	

Unit 2: From Military Advisors to Combat Troops	
Vietnam Era	Assignments
	1. Ngo Dinh Diem: The Miracle Man of Asia
	2. The National Liberation Front
	3. The Diem Coup
	4. Quiz 1: Nation-Building in South Vietnam
	5. Lyndon B. Johnson
	6. The Gulf of Tonkin Incident
	7. The Gulf of Tonkin Resolution
	8. Quiz 2: Aggression on the High Seas
	9. The Air War
	10. The Ground War
11. Introduction to Combat: Chu Lai and Ia Drang	
12. Project: The Eisenhower, Kennedy, and Johnson Administrations	
13. Quiz 3: The U.S. Military Strategy	
14. Special Project*	
15. Review	
16. Test	
17. Alternate Test*	
18. Glossary and Credits	

Unit 3: A Nation Divided By War	
Vietnam Era	Assignments
	1. Vietnamese Soldiers
	2. The Ho Chi Minh Trail
	3. Vietcong Tunnels
4. Quiz 1: The Vietnamese Effort	
10. The Governmental Debate	
11. The Living Room War	
12. Project: Vietnam Era Songs	
13. Quiz 3: American Public Opinion	

5.	Tour of Duty	14.	Special Project*
	6. Fighting the War		15. Review
	7. Women and the Vietnam War		16. Test
	8. Quiz 2: The American Effort		17. Alternate Test*
	9. The Antiwar Movement		18. Glossary and Credits

Unit 4: Achieving Peace with Honor			
Vietnam Era	Assignments		
	1. The Tet Offensive	10. Secret Diplomacy	
	2. LBJ Shocks the Nation	11. The Paris Peace Accords	
	3. The 1968 Election	12. Essay: Vietnamization	
	4. Quiz 1: A Turning Point in the War	13. Quiz 3: The End of the War	
	5. Richard Nixon	14. Special Project*	
	6. Vietnamization	15. Review	
	7. The Invasion of Cambodia	16. Test	
	8. Quiz 2: Nixon and the Vietnam War	17. Alternate Test*	
	9. Crisis in Morale and Discipline	18. Glossary and Credits	

Unit 5: The Legacy of Vietnam			
Vietnam Era	Assignments		
	1. Nixon and Watergate	10. U.S.-Vietnamese Relations	
	2. Prisoner of War	11. Vietnam Today	
	3. The Fall of Saigon	12. Essay: The Vietnam Era	
	4. Quiz 1: Aftermath in Asia	13. Quiz 3: Toward Normalization	
	5. Vietnam Veterans	14. Special Project*	
	6. The Vietnam Veterans Memorial	15. Review	
	7. Vietnam Syndrome	16. Test	
	8. Quiz 2: Searching for Lessons	17. Alternate Test*	
	9. Vietnamese in America	18. Glossary and Credits	

Unit 6: Course Review and Exam			
VE	Assignments		
	1. Review	3. Alternate Exam*	
	2. Exam		

Advanced Placement

Calculus

AP[®] Calculus is a full-year, high school credit course that is intended for the student who has successfully mastered a minimum of four high school level mathematics courses that cover analytical and conceptual algebra (with heavy emphasis on functions), coordinate and plane geometry, and trigonometric functions. It is highly recommended that the student successfully complete pre-calculus as a prerequisite. The course primarily focuses on the skills and methods of analyzing graphical behavior of functions, the definition of a derivative as well as applications of derivatives, integration and their relationships with the graphical function.

Upon successfully completing the course, the student should have mastered the following concepts:

- Perform operations on functions including composition and inverses.
- Using calculation and estimation to evaluate limits.
- Analyze infinite limits and the correlation between their values and the graph's behavior; estimate and understand discontinuity and continuous functions.
- Compute the derivative of a function using the power rule, product and quotient rule, chain rule and all trigonometric rules.
- Use the concept of a derivative to interpret a function's rate of change and continuity; construct the equation of a line tangent to a curve; evaluate the intervals for which a function is increasing or decreasing.
- Interpret the Mean Value Theorem.
- Evaluate the second derivative and find the points of inflection.
- Utilize the derivative through application problems involving area under a curve, velocity, acceleration and speed.
- Evaluate a definite integral using the Fundamental Theorem of Calculus, Riemann Sums, and the rate of change formula.

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Unit 1: Graphs and Limits			
Assignments			
Calculus	1.	Course Overview	13. Limit Proofs
	2.	Course Introduction	14. Evaluating Limits Analytically
	3.	Fermat's Method Part 1	15. Squeeze Theorem with Trigonometry Review
	4.	Fermat's Method Part 2	16. Quiz 2 Review
	5.	Graphs and Models	17. Quiz 2
	6.	Linear Models and Rates of Change	18. Continuity and One-Sided Limits
	7.	Functions and Their Graphs	19. Intermediate Value Theorem
	8.	Quiz 1 Review	20. Infinite Limits
	9.	Quiz 1	21. Chapter 1 Review
	10.	Calculus Preview	22. Special Project*
	11.	Finding Limits Graphically and Numerically	23. Chapter 1 Test
	12.	Epsilon-Delta Definition of a Limit	

Unit 2: Derivatives		
Assignments		
Calculus	1. Definition of the Derivative	10. Product Rule
	2. Derivatives on the Graphing Calculator	11. Quotient Rule
	3. Drawing Derivatives	12. Higher-Order Derivatives
	4. Alternate Form of the Derivative	13. Chain Rule
	5. Differentiation Rules	14. Implicit Differentiation
	6. Derivatives of Sine and Cosine	15. Chapter 2 Review
	7. Slope as a Rate of Change	16. Special Project*
	8. Quiz 3 Review	17. Chapter 2 Test
	9. Quiz 3	

Unit 3: Related Rates		
Assignments		
Calculus	1. Related Rates 1	5. Related Rates 5
	2. Related Rates 2	6. Related Rates Review
	3. Related Rates 3	7. Special Project*
	4. Related Rates 4	8. Related Rates Test

Unit 4: Derivative Tests		
Assignments		
Calculus	1. Extrema on an Interval	9. Chapter 3 Review
	2. Rolle's Theorem and the Mean Value Theorem	10. Special Project*
	3. First Derivative Test	11. Chapter 3 Test
	4. Quiz 4 Review	12. Applied Max and Min Problems 1
	5. Quiz 4	13. Applied Max and Min Problems 2
	6. Concavity and the Second Derivative Test	14. Applied Max and Min Problems 3
	7. Limits at Infinity	15. Linear Approximations
	8. Curve Sketching	16. Differentials

Unit 5: Review and Semester I Exam		
Assignments		
Calculus	1. Review	2. Semester I Exam

Unit 6: Integrals		
Assignments		
Calculus	1. Antiderivatives and Integration	10. Second Fundamental Theorem of Calculus
	2. Differential Equations	11. Integration by Substitution
	3. Slope Fields	12. Definite Integrals with Substitution
	4. Sigma Notation and Area	13. Trapezoidal Rule
	5. Riemann Sums and the FTC	14. Particle Movement
	6. Quiz 1 Review	15. Chapter 4 Review
	7. Quiz 1	16. Special Project*
	8. Mean Value Theorem and Average Value	17. Chapter 4 Test
	9. Integrating When the Curve Goes Below the x-axis	

Unit 7: Natural Logs and Functions	
Assignments	
Calculus	1. Review of the Natural Log and its Properties
	2. Natural Log Function and Differentiation
	3. Natural Log Function and Integration
	4. Integrating Trig Functions
	5. Quiz 2 Review
	6. Quiz 2
	7. Review of Inverse Functions
8. Exponential Functions	
9. Bases Other Than e	
10. Growth and Decay	
11. Chapter 5 Review	
12. Special Project*	
13. Chapter 5 Test	

Unit 8: Area and Volume	
Assignments	
Calculus	1. Area Between Two Curves
	2. Volumes of Revolution: The Disk Method
	3. Volumes of Revolution: The Disk and Washer
	4. Volumes of Solids with Known Cross Sections
5. Sections 6.1 and 6.2 Review	
6. Special Project*	
7. Sections 6.1 and 6.2 Test	

Unit 9: Inverse Trig Functions	
Assignments	
Calculus	1. Inverse Trig Functions
	2. Differentiating Inverse Trig Functions
	3. Integrating Inverse Trig Functions
4. Inverse Trig Functions Review	
5. Special Project*	
6. Inverse Trig Functions Test	

Unit 10: Review and Semester II Exam	
Assignments	
Calculus	1. Review
	2. Semester II Exam

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Comparative Government and Politics

Comparative Government and Politics will introduce students to the diverse political environment outside the United States. The course will compare six selected countries with respect to their political structure and policies as well as different challenges within each of those countries. Students will also examine how different governments solve similar problems and then compare the effectiveness of their approach.

One resource that should be widely used in this course is the information provided at apcentral.collegeboard.com. This site contains formerly released free response questions (FRQs) as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the Course Description book which also gives the breakdown of the AP[®] Exam [™].

- **Unit 1:** Students will be introduced to comparative politics, political science, and linkage institutions.
- **Unit 2:** Students will examine the political structures of Russia and Nigeria and the relationships between states and the people.
- **Unit 3:** Students will explain the identity of states, the divides that exist between ethnic and religious lines, and the opposing political viewpoints on these topics. They will also examine the government of the United Kingdom.
- **Unit 4:** Students will identify different states and their market structures as well as the political history and systems of the United Kingdom. They will also understand what a political economy and supranational organizations are and how they interact with states.
- **Unit 6:** Students will examine the different institutions and participation in democracies. They will also take a look at newly industrializing and less developed countries, and the political system of Mexico.
- **Unit 7:** Students will explore and compare the authoritarian political systems, identify the history, and examine the political structures of China and the Middle East.
- **Unit 8:** Students will bring everything they learned together to form a complete picture of the politics of China, Great Britain, Mexico, Iran, Nigeria, and Russia. They will take a closer look at the inner workings of Nigeria as well as examine globalization, economic sovereignty, and the development of nations.

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Comparative Government and Politics	Unit 1: Introduction to Comparative Politics	
	Assignments	
	1. Course Overview	8. Labeled Map
	2. Introduction to Comparative Politics	9. Political Science
	3. Quiz	10. Linkage Institutions
	4. The Most Successful Revolution	11. Being an Ambassador
	5. Chapter 1: Introduction Comparative Politics	12. Special Project*
	6. Chapter 1: Quiz Preparation	13. Test
7. Chapter 1 Quiz		

Comparative Government and Politics	Unit 2: Political Structure	
	Assignments	
	1. Chapter 2: The Modern State	11. Chapter 3 Quiz
	2. Chapter 2: Quiz Preparation	12. Citizen's Rights
	3. Chapter 2 Quiz	13. Russian Revolution
	4. Nigeria	14. State of Russia
	5. Boka Haram	15. Navalny Articles
	6. Nigeria Quiz	16. Russia and the West Article
	7. The West and The Rest	17. Russia and German Parrellism
	8. The Rise of the West	18. Putin
	9. Chapter 3: States	19. Special Project*
10. Chapter 3: Quiz Preparation	20. Russia Quiz	

Comparative Government and Politics	Unit 3: States and Identities	
	Assignments	
	1. Chapter 4: States and Identity	7. Crash of Civilization
	2. Chapter 4: Quiz Preparation	8. Edward Said v. Huntington
	3. Chapter 4 Quiz	9. Advanced Democracies and the UK
	4. Clash of Civilizations	10. Scotland
	5. The Clash of Civilizations: Part 2	11. Special Project*
6. Conflict or Cooperation	12. Test	

Comparative Government and Politics	Unit 4: States and Markets	
	Assignments	
	1. Chapter 5: States and Markets	6. Political Economy
	2. Chapter 5: Quiz Preparation	7. Road to Serfdom
	3. Chapter 5 Quiz	8. Ethel Wood
	4. United Kingdom	9. Special Project*
5. Ukraine Invasion	10. Test	

CGP	Unit 5: Mid Term	
	Assignments	
	1. Review	3. Exam
	2. Essay	

Unit 6: Political Systems in Democracies	
Comparative Government and Politics	Assignments
	1. Chapter 6: Governing Institutions in Democracies
	2. Chapter 6: Quiz Preparation
	3. Chapter 6 Quiz
	4. Duveger's Law
	5. Proportional Representation
	6. Alternative Vote
	7. Chapter 7: Institutions of Participation and Representation in Democracies
	8. Chapter 7: Quiz Preparation
	9. Chapter 7 Quiz
	10. Newly Industrializing and Less Developed Countries
	11. Mexico
	12. Special Project*
13. Test	

Unit 7: Political Systems in Authoritarian Regimes	
Comparative Government and Politics	Assignments
	1. China: Part 1
	2. China: Part 2
	3. Air Pollution
	4. Two Political Systems
	5. Ai WeiWei
	6. China Test
	7. Chapter 8: Authoritarian Institutions
	8. Chapter 8: Quiz Preparation
	9. Chapter 8 Quiz
	10. China and The Future
	11. Chinese Challenges
	12. Arab Spring
	13. The Rise of Competitive Authoritarianism
	14. Iran
	15. Iran: Why Rouhani Won
	16. New Ideas in Iran
	17. Iran Test
	18. Non-Democracies
	19. Chapter 9: Regime Change
	20. Chapter 9: Quiz Preparation
	21. Special Project*
22. Chapter 9 Quiz	

Unit 8: Policies and Global Issues	
Comparative Government and Politics	Assignments
	1. Nigeria
	2. Ken Saro-Wiwa
	3. Reforming Nigeria
	4. Reflection: Nigeria
	5. Nigeria Test
	6. Chapter 10: Globalization
	7. Chapter 10: Quiz Preparation
	8. Chapter 10 Quiz
	9. Margaret Thatcher and Foreign Trade
	10. Iran's Economy: Fading Hope
	11. Chapter 11: Public Policies When Markets Fail
	12. Chapter 11: Quiz Preparation
	13. Chapter 11 Quiz
	14. Chapter 12: Policies and Politics of Inclusion and Clashing Values
	15. Chapter 12: Quiz Preparation
	16. Chapter 12 Quiz
	17. Special Project*
18. Your Country	

Unit 9: AP® Test Prep	
CGP	Assignments
	1. Review: Charts
	2. Review: Vocabulary
	3. Practice Test 1
	4. Review: Videos
	5. Review: Countries
	6. Practice Test 2
	7. Review: Test Structure
	8. Review: FRQs
	9. Practice Test 3
10. Special Project*	

Unit 10: Final Exam	
CCP	Assignments
	1. Review: Part 1
	2. Review: Part 2
	3. Final Exam

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English Language and Composition

This is a college-level course to prepare students for the Advanced Placement Language and Composition exam by engaging in critical reading, writing, and discussion. The stated purpose of the course (from the College Board) is to "emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication." To accomplish this goal, students learn to read texts closely to determine the author's purpose and means of conveying his or her message.

In addition to various passages and articles, students engage in analysis of images to better understand the processes of communication, persuasion and argument. The goal is to develop skills in analyzing, explaining, and arguing through the analysis of texts from various time periods and genres and through writing formal and informal responses to them in a variety of modes.

Students will also complete quizzes, timed essays, and practice tests to help prepare for the AP[®] exam throughout the course.

Due to the complex nature of this course, and the multi-faceted approach to the AP Exam preparation, most lessons will likely take longer than one traditional class period. Plan for two to three traditional class periods, in order to allow students ample time to complete their work. Each lesson contains specific notes regarding work time, for teacher reference.

It is highly recommended that teachers and students alike register with AP[®] Central to gain access to previously published tests as additional practice.

- **Unit 1: Introduction to Rhetoric:** Students begin looking through the text and learning what it takes to closely read a text, examining the different parts of the rhetorical triangle, and looking at the rhetorical situation, as well as the occasion and context of a piece of writing and the way all these concepts affect a piece of writing. Students examine various modes of writing such as narrative and cause and effect, and appeals to ethos, logos, and pathos. Students also master a variety of rhetorical terms, such as repetition, chiasmus, antithesis, hyperbole, and irony.
- **Unit 2: Rhetorical Analysis:** Rhetorical analysis is usually the first essay on the AP English and Language Composition exam. Students have to read a passage quickly, annotate and understand it, and then write an essay that asks them to identify rhetorical strategies and what effect those strategies have on the message of the piece. Best practices for tackling the test are also examined.
- **Unit 3: The Descriptive Essay of Historical Fiction:** This part of the course takes a detour into historical fiction. Students will study style, compassion, voice, themes, and motifs. Students are guided through a detailed analysis of the text which culminates in writing a descriptive essay about the text.
- **Unit 4: Introduction to Argument:** The second essay that AP English Language and Composition students are asked to write is the argument essay. Students are usually given a prompt or a quote about an issue and asked to agree, disagree, qualify, or discuss. Here, students transition from persuading to deliberately arguing, focusing their work on argumentation through a variety of modes: satire, persuasion, audience, and argument refutations.
- **Unit 5: Satirical Writing and Argumentation:** Through studying the role of the writer's voice to persuade, engage, and argue, students work to use language deliberately to create the effect that they want their readers to experience. It's important to understand the basic rules of argument and how to link evidence to reasoning, as well as to develop skills and strategies will support students in the composition of good argument essays.
- **Unit 6: Rhetoric and Language:** This unit turns back to rhetoric and explores the various rhetorical appeals that will help students to understand both the rhetorical essay as well as argument. Students will examine

the effectiveness of humor, pay close attention to visual literacy, and develop more strategies to increase coherence in essays.

- Unit 7: The Synthesis Essay:** The third essay that AP English Language and Composition students are asked to write for the exam is a synthesis essay. This essay combines argument with sources in which students use a prompt, an assignment, and between seven and eight sources that the College Board provides to develop their own argument. The essay should include both direct and indirect quotes that are consistently documented (does not need to be in MLA).
- Unit 8: Julius Caesar:** Students read *Julius Caesar*, examining the rhetoric of key soliloquies, as well as strategies for studying famous speeches and sermons. This helps students become more comfortable with dated language and also helps them to practice both rhetorical analysis and argumentation skills.
- Unit 9: Letters, Speeches, and Paired Texts:** Examining speeches and letters allows students to see just how the audience affects the way a writer frames his or her message and how the audience will control the type of language he or she will use. In the past, there have been compare/contrast essay prompts on the rhetorical analysis test, and so it is a good idea to look at some paired texts to help students prepare.
- Unit 10: Exam Prep:** Test preparation is critical in this Advanced Placement course and this unit begins with foundational information about how to prepare for the multiple choice test, which is followed by a short quiz to ensure that students have understood the information. The unit then moves into practice tests: three multiple choice tests, three rhetorical analysis prompts with exemplar essays, three argument prompts with exemplar essays, and three synthesis prompts with exemplar essays. The recommendation is that all of these tests should be timed.

When you are asked to write an essay, a description of the topic/assignment and a length requirement will be included. Note that the minimum length requirement assumes FULL pages. For instance, a two to three page paper should fill at least two full pages. You should write using the MLA page set up guidelines, headings, and font suggestions (typically Times New Roman 12).

Most of the readings are taken from the text *The Language of Composition* by Renee H. Shea, Lawrence Scanlon, and Robin Dissin Aufses. Any other texts are included in the test for the convenience of the students and teachers.

Below is a list of resources that are not included in this course and must be acquired separately.

ISBN	Title	Author
978-0743262170	<i>Cry, the Beloved Country</i>	Alan Paton
978-0-312-67650-6	<i>The Language of Composition</i>	Renee H. Shea et al.

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Unit 1: Introduction to Rhetoric	
Assignments	
1. Course Overview	7. Writing the Introduction
2. Close Reading	8. Introduction to Rhetorical Terms
3. Attacking the Text	9. Quiz: Rhetorical Terms
4. Relating to the Text	10. Rhetoric Readings: A Reading and Writing Assignment
5. Ethos, Logos, and Pathos	11. Test: Introduction to Rhetoric
6. A Method for Essay Composition	

Unit 2: Rhetorical Analysis	
Assignments	
1. The Modes of Writing	6. Tone
2. Reading for the Mode	7. Style
3. Diction	8. Figurative Language

4.	Parallelism	9.	Quiz: Rhetorical Analysis
5.	Syntax as a Rhetorical Strategy	10.	Test: Rhetorical Analysis

Unit 3: Descriptive Essay and Cry the Beloved Country				
Assignments				
English Language and Composition	1.	Cry, the Beloved Country: Introduction	8.	Writing a Descriptive Essay
	2.	Cry, the Beloved Country: Chapters 11-17	9.	Project: "Separate but Equal": Compare and Contrast
	3.	Cry, the Beloved Country: Themes and Motifs	10.	Quiz: Descriptive Essay and Cry the Beloved Country
	4.	Cry, the Beloved Country: Chapters 18-21	11.	Test: Descriptive Essay and Cry the Beloved Country
	5.	Cry, the Beloved Country: Chapters 30-33		
	6.	Cry, the Beloved Country: Chapters 34-36		
	7.	Digging Deeper: Justice vs. Mercy		

Unit 4: Introduction to Argumentation				
Assignments				
English Language and Composition	1.	Argument Versus Persuasion	6.	Considering the Opposition
	2.	Fact Versus Opinion	7.	Evaluating Arguments
	3.	Logical Fallacies and Propaganda	8.	Writing the Argument Essay
	4.	Inductive Versus Deductive Organization	9.	Quiz: Introduction to Argumentation
	5.	Rhetorical Questions	10.	Test: Introduction to Argumentation

Unit 5: Satirical Writing and Argumentation				
Assignments				
English Language and Composition	1.	Introduction to Satire	6.	Visual Texts as Arguments
	2.	Analyzing Satire	7.	Satire: When Worlds Collide
	3.	"A Modest Proposal": Irony	8.	"Corn-Pone Opinions": Analyzing Satire
	4.	"A Modest Proposal": Analysis	9.	Quiz: Satirical Writing
	5.	Politics and the English Language	10.	Test: Satirical Writing

Unit 6: Rhetoric and Language	
English Language and Composition	Assignments
	1. The Power of the Short Sentence and Fragment
	2. Correct Pronoun Usage
	3. "Mother Tongue": Analysis
	4. How to Tackle Dated Language
	5. "Slang in America": Analysis
	6. "In Plain English": Analysis
	7. The Value of Concise Writing
	8. "On Dumpster Diving": Analysis
	9. Quiz: Rhetoric and Language
10. Test: Rhetoric and Language	

Unit 7: The Synthesis Essay	
English Language and Composition	Assignments
	1. Introduction to the Synthesis Essay
	2. Reading the Cartoons and Graphs
	3. The American High School: Readings
	4. The American High School: Synthesis Essay
	5. American Politics and the English Language: Readings
	6. American Politics and the English Language: Synthesis Essay
	7. The Individual and the Community: Readings
	8. The Individual and the Community: Synthesis Essay
	9. Quiz: The Synthesis Essay
10. Test: The Synthesis Essay	

Unit 8: Julius Caesar	
English Language and Composition	Assignments
	1. Who Was Julius Caesar?
	2. Who Was William Shakespeare?
	3. Julius Caesar, Act I
	4. Julius Caesar, Act II
	5. Julius Caesar, Act III
	6. Julius Caesar, Act IV
	7. Julius Caesar, Act V
	8. Julius Caesar: Argument Essay
	9. Quiz: Julius Caesar
10. Test: Julius Caesar	

Unit 9: Letters, Speeches, and Paired Texts	
English Language and Composition	Assignments
	1. Understanding Audience
	2. "The Proper Place for Sports": Analysis
	3. "Letter to King Ferdinand of Spain": Analysis
	4. How to Analyze a Speech
	5. "Defense of Native American Religion": Analyzing a Speech
	6. Inaugural Address, January 20, 1961: Analysis
	7. Paired Texts
	8. "The New Consumerism" and "Shop-happy": Analyzing Paired Texts
	9. Quiz: Letters, Speeches, and Paired Texts
10. Test: Letters, Speeches, and Paired Texts	

Unit 10: Exam Prep	
Assignments	
English Language and Composition	1. Multiple Choice and Test Taking Strategies
	2. Multiple Choice Practice: Test One
	3. Essay Practice: Thoughts on Peace in an Air Raid: Rhetorical Analysis
	4. Essay Practice: Facebook Friendonomics: Argument Essay
	5. Essay Practice: Consumerism in America: Synthesis Essay
	6. Multiple Choice Practice: Test Two
	7. Essay Practice: The Destruction of Culture: Rhetorical Analysis
	8. Essay Practice: The Case for Working with Your Hands: Argument Essay
	9. Essay Practice: American Culture Taking Over the World: Synthesis Essay
	10. Multiple Choice Practice: Test Three
	11. Essay Practice: Lord Chesterfield: Rhetorical Analysis
	12. Essay Practice: Making Mistakes: Argument Essay
	13. Essay Practice: Eating Locally: Synthesis Essay

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Human Geography

Course Design: Human Geography is taught as an introductory-level college course intended to prepare students for the Advanced Placement Human Geography exam. This two-semester course will teach students the basic concepts of human geography and give them a geographic framework for the analysis of current world problems through case studies, computer applications, and fieldwork. The students will learn to use the tools of a geographer to ask geographic questions; acquire, organize, and analyze geographic information; and answer geographic questions. They will also take online, multiple-choice quizzes, and practice free-response questions (FRQs) in preparation for the AP[®] exam.

The students will also need access to map collections, atlases, encyclopedias, and other reference materials both online and in their local libraries.

- **Unit 1:** Students will be introduced to human geography, the five themes of geography, and thematic maps.
- **Unit 2:** Students will examine population patterns throughout the world and regional trends, while also exploring demographics and migrations.
- **Unit 3:** Students will learn the components of culture and the nature of human-environment interactions.
- **Unit 4:** Students will take a closer look into culture and how it is affected by regions, language, and religion.
- **Unit 5:** Students will explore national political units and their geographic characteristics as well as global economic systems.
- **Unit 7:** Students will gain knowledge on agriculture production and natural resources and how they are used globally.
- **Unit 8:** Students will learn about industrialization and the economic development of countries.
- **Unit 9:** Students will explore urban systems and urban structures, census data, and examining information about different cities.
- **Unit 10:** Students will examine market area geography, global tourism, and the effects of natural resources on cities.

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Unit 1: Geography Native and Perspective	
Human Geography	Assignments
	1. Course Overview
	2. Chapter 1 Introduction: Background Basics
	3. Quiz: Chapter 1 - Fellmann
	4. Project: Site and Situation
	5. Project: A Sense of My Place
	6. True Maps, False Impressions
	7. Project: Map Scale Computations
	8. Project: Thematic Maps Activity
	9. Spatial Interaction and Spatial Behavior
	10. Quiz: Chapter 3 - Fellmann
	11. Tracking the AIDS Epidemic
	12. Project: Mapping the Diffusion of AIDS
	13. Special Project*
14. Test	

Unit 2: Population and Migration	
Human Geography	Assignments
	1. Population: World Patterns, Regional Trends
	2. Population Geography: Mexico and Guatemala
	3. Quiz: Chapter 4 - Fellmann
	4. Project: Demographic Transition Model
	5. One Billion and Counting
	6. Project: Demographic Description with Population Pyramids
	7. A Death in the Desert
	8. Project: Principal Migration of Recent Centuries
	9. Special Project*
	10. Test

Unit 3: Cultural Patterns	
Human Geography	Assignments
	1. Roots and Meaning of Culture
	2. Quiz: Chapter 2 - Fellmann
	3. India: The Missing Girls
	4. Layers of Tradition
	5. Project: Layers of Tradition: Culture Regions
	6. Special Project*
	7. Test

Unit 4: Cultural Processes	
Human Geography	Assignments
	1. Cultural Postcard
	2. A Migrant's Heart
	3. Language and Religion: Mosaics of Culture
	4. Project: Local Park
	5. Quiz: Chapter 5 - Fellmann
	6. Ethnic Geography: Threads of Diversity
	7. Quiz: Chapter 6 - Fellmann
	8. Ethnic Fragmentation in Canada
	9. Imagining New Worlds
	10. Folk and Popular Culture: Diversity and Uniformity
	11. Quiz: Chapter 7 - Fellmann
	12. St. Petersburg: Russia's Window on the West and Vologda
	13. Special Project*
14. Test	

Unit 5: Political Organization of Space	
Human Geography	Assignments
	1. Political Ordering of Space
	2. Quiz: Chapter 12 - Fellmann
	3. From Rags to Riches
	4. Project: Economic Development and Human Development Models
	5. Inside the Global Economy
	6. Supranationalism and Devolution
	7. Breaking Up is Hard to Do
	8. Project: The Rise of Nationalism and the Fall of Yugoslavia
	9. Do Orange and Green Clash?
	10. Berlin: Changing Center of a Changing Europe
	11. Project: Mapping Religious Affiliation in Northern Ireland
	12. Special Project*
	13. Test

Unit 6: Review Semester Exam	
HG	Assignments
	1. Alaska: The Last Frontier?
	2. Help Wanted
	3. Quiz: Chapter 6 - Kuby
	4. Project: Regional Economic Specialization
	5. Project: Regional Multipliers
	6. Global Firms in the Industrializing East
7. Semester Exam	

Unit 7: Agriculture and Rural Land Use	
Human Geography	Assignments
	1. Livelihood and Economy: Primary Activities
	2. Quiz: Chapter 8 - Fellmann
	3. Project: Von Thunen's Model of Land Use
	4. Water is for Fighting Over
	5. Food for Thought
	6. Project: Global Sources in your Supermarket
	7. Quiz: Chapter 8 - Kuby
	8. Brazil: The Sleeping Giant
	9. Changes on the Chang Jiang
	10. Special Project*
11. Test	

Unit 8: Industrialization and Economic Development	
Human Geography	Assignments
	1. Patterns of Development and Change
	2. Quiz: Chapter 10 - Fellmann
	3. Developing Countries
	4. Livelihood and Economy: From Blue Collar to Gold Collar
	5. Quiz: Chapter 9 - Fellmann
	6. Project: The Transforming Industrial Heartland
	7. Special Project*
8. Test	

Unit 9: Cities and Urban Land Use I	
Human Geography	Assignments
	1. Urban Systems and Urban Structures
	2. Quiz: Chapter 11 - Fellmann
	3. Cityscapes, Suburban Sprawl
	4. The Disappearing Front Range
	5. Project: The Role of Transportation in Urban Growth
	6. Reading the Urban Landscape: Census Data and Field Observation
	7. Project: Analysis of Census Tract Data
	8. The Challenge for Two Old Cities
	9. Take Me Out to the Ballgame
	10. Project: Central Place Function Thresholds
	11. Small Farms, Big Cities
	12. Special Project*
13. Test	

Unit 10: Cities and Urban Land Use II	
HG	Assignments
	1. Market Area Geography
	2. Global Tourism
	3. Project: Building Blocks: A Density Game
	4. Oil and Water
	5. Special Project*
6. Test	

Unit 11: Review and Semester Exam	
HG	Assignments
	1. Project: World Geography Interactive Games
	2. Final Exam

Unit 12: AP [®] Exam Prep	
HG	Assignments
	1. Project: Human Geography Models Review
	2. Project: Review Games
	3. Practice Human Geography Exam

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Macro Economics

Macro Economics is the study of the performance of an economy as a whole. This course will cover in detail basic economic concepts, measurement of economic performance, national income and price determination, the financial sector, inflation, unemployment and stabilization policies, economic growth and productivity, and international trade and finance. Upon completing this course, students will be trained to interpret economic news, understand the effects of government policies, and excel on the AP[®] exam. The learning methodologies in this course are varied and highly interactive, and the main textbook will be supplemented with economic simulation games, application reports, assessments, and videos.

- **Unit 1:** Students will explore what economics is and basic economic concepts such as: factors of production, demand and supply, and how to apply them.
- **Unit 2:** Students will examine each of the three major tools for measuring the health of the economy.
- **Unit 3:** Students will be introduced to the aggregate demand and supply model, Keynesian thinking, and the consumption and aggregate expenditures model.
- **Unit 4:** Students will gain knowledge on what money is and how it is created, financial markets, and monetary policy.
- **Unit 5:** Students will explore government and fiscal policy, inflation and unemployment, and the Philips Curve.
- **Unit 6:** Students will define and measure economic growth and development and the role of investments.
- **Unit 7:** Students will examine international trade and finance, exchange rates, balance payments, and currency reserves. They will conclude the unit by completing lessons to prepare them for the AP exam.

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Unit 1: Basic Economic Concepts		
Assignments		
Macro Economics	1. Course Overview	12. Chapter 3: Demand and Supply
	2. Chapter 1: Economics: The Study of Choice	13. Demand and Supply
	3. Foundations	14. CEE Activities 1-4, 1-5, 1-6
	4. CEE Activity 1-1	15. Supply, Demand, and Equilibrium
	5. Introduction to Economics	16. Chapter 4: Applications of Demand and Supply
	6. Chapter 1 Quiz	17. CEE Activities 1-7, 1-8, 1-9
	7. Chapter 2: Confronting Scarcity: Choices in Production	18. Chapter 3 Quiz
	8. Factors of Production and the Production Possibilities Model	19. The Economic Way of Thinking Draft
	9. CEE Activities 1-2, 1-3	20. The Economic Way of Thinking Final
	10. The PPF and Comparative Advantage	21. Sample FRQ Practice A
	11. Chapter 2 Quiz	22. CEE Unit 1 Sample MCQs.
	23. Special Project*	
	24. Test	
Unit 2: Measurement of Economic Performance		
Assignments		
Macro Economics	1. Chapter 5: Macro Economics: The Big Picture	8. CEE Activities 2-1, 2-2
	2. Themes of Macro Economics	9. GDP and the Circular Flow
	3. CEE Activities 1-10, 2-3, 2-4, 2-5, 2-6	10. Chapter 6 Quiz
	4. Business Cycle, Inflation, and Calculating the	11. Sample FRQ Practice B

	Unemployment Rate	12. CEE Unit 2 sample MCQs
5.	Chapter 5 Quiz	13. Special Project*
6.	Chapter 6: Measuring Total Output and Income	14. Test
7.	National Income Accounting	

Unit 3: National Income and Price Determination			
Assignments			
Macro Economics	1.	Chapter 7: Aggregate Demand and Aggregate Supply	9. MPC, MPS, and the Multiplier
	2.	AD and AS Part 1	10. CEE Activity 3-2
	3.	CEE Activities 3-1, 3-3, 3-4	11. The Consumption Function and MPC and the Multiplier
	4.	AD and AS Part 2	12. Chapter 8 Quiz
	5.	CEE Activities 3-5, 3-6, 3-8, 3-9	13. Sample FRQ Practice C
	6.	Keynesian Thinking	14. CEE Unit 3 sample MCQs
	7.	Chapter 7 Quiz	15. Special Project*
	8.	Chapter 8: Consumption and the Aggregate Expenditures Model	16. Test

Unit 4: The Financial Sector			
Assignments			
Macro Economics	1.	Chapter 9: The Nature and Creation of Money	12. Monetary Policy
	2.	The Money Supply and Fractional Reserve Banking	13. CEE Activities 4-6, 4-7, 4-8, 4-9
	3.	CEE Activities 4-1, 4-2, 4-3	14. Fed Open Market Operations
	4.	The Money Supply and Fractional Reserve Banking	15. Monetary Policy Application Report Draft
	5.	Chapter 9 Quiz	16. Chapter 11 Quiz
	6.	Chapter 10: Financial Markets and the Economy	17. Monetary Policy Application Report Final
	7.	Financial Markets	18. Sample FRQ Practice D
	8.	Bond Prices and Money Markets	19. Play the Fed Chairman Game
	9.	CEE Activities 4-4, 4-5	20. CEE Unit 4 sample MCQs
	10.	Chapter 10 Quiz	21. Special Project*
	11.	Chapter 11: Monetary Policy and the Fed	22. Test

Unit 5: Inflation, Unemployment and Stabilization Policies			
Assignments			
Macro Economics	1.	Chapter 12: Government and Fiscal Policy	11. Chapter 13 Quiz
	2.	Fiscal Policy	12. Chapter 14: A Brief History of Macroeconomic Thought and Policy
	3.	CEE Activities 5-1, 5-2, 5-3, 5-4	13. Fiscal Policy Application Report Draft
	4.	Monetary and Fiscal Policy	14. Fiscal Policy Application Report Final
	5.	CEE Activities 5-5, 5-6, 5-7	15. Sample FRQ Practice D
	6.	Chapter 12 Quiz	16. CEE Unit 5 sample MCQs
	7.	Chapter 13: Inflation and Unemployment	17. Special Project*
	8.	The Phillips Curve Part 1	18. Test
	9.	The Phillips Curve Part 2	
	10.	CEE Activities 3-7, 5-8, 5-9	

Unit 6: Economic Growth and Productivity			
Assignments			
Macro Economics	1.	Chapter 15: Economic Growth	8. Review Long Run Aggregate Supply
	2.	Economic Growth and Development	9. Chapter 16 Quiz
	3.	CEE Activities 6-1, 6-2, 6-3	10. Sample FRQ Practice E
	4.	Economic Growth Through Investment	11. CEE Unit 6 sample MCQs
	5.	Chapter 15 Quiz	12. Special Project*
	6.	Chapter 16: Investment and Economic Activity	13. Test
	7.	The Role of Investment	

Unit 7: International Trade and Finance		
Assignments		

1.	Chapter 17: International Trade	11.	CEE Unit 7 sample MCQs
2.	International Trade	12.	Review A
3.	CEE activity 7-2	13.	Practice Exam A
4.	Chapter 17 Quiz	14.	Quiz: Graphs
5.	Chapter 18: Net Exports and International Finance	15.	Review B
6.	The Balance of Payments and Exchange Rates	16.	Practice Exam B
7.	CEE activities 7-1, 7-3, 7-4, 7-5	17.	Review C
8.	Balance of Payments and Currency Reserves	18.	Practice Exam C
9.	Chapter 18 Quiz	19.	Final Exam
10.	Sample FRQ Practice F		

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U.S. Government and Politics

U.S. Government and Politics offers students an advanced study of topics concerning the nation's founding and form of government, as well as an examination of historical and current political issues. The assignments in this course utilize an assigned textbook and study guide, as well as links to external content and articles.

One resource that should be widely used in this course is the information provided at apcentral.collegeboard.com. This site contains formerly released free response questions (FRQs) as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the course description book which also gives the breakdown of the AP Exam™.

- **Unit 1:** Students will examine the founding of the United States with an in-depth look at the Declaration of Independence and the Constitution.
- **Unit 2:** Students will explore the Bill of Rights, history of civil liberties including the fight for equal rights among different ethnicities and gender, history of feminism, religious freedom, current race problems, and marriage equality.
- **Unit 3:** Students will gain an understanding of how the United States Congress works.
- **Unit 5:** Students will obtain knowledge on the history and evolution of the presidency and bureaucracy in government.
- **Unit 6:** Students will identify the role of public opinion in democracy along with the role of lobbyists, political parties, and election campaigns in government.
- **Unit 7:** Students will examine the function media plays in politics.
- **Unit 8:** Students will explore state and local politics as well as social, environmental, economic, and foreign policies.
- **Unit 9:** Students will interact with reviews and guides to prepare for the AP exam.

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Unit 1: Constitutional Underpinnings																																							
U.S. Government and Politics	Assignments																																						
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Unit 5: Government Structure Part 2	
U.S. Government and Politics	Assignments
	1. Chapter 8. The Presidency
	2. Introduction: The Modern Presidency
	3. Bills and Executive Orders
	4. The Presidency
	5. Betty Ford
	6. Reagan Speech at the Brandenburg Gate
	8. Chapter 8 Quiz
	9. Essay: Modern President
	10. Chapter 9. The Bureaucracy
	11. The Administrative State
12. Bureaucracy and Government	
13. The Bureaucratic State	
14. Big Government	
15. Bureaucracy in Your Life	
16. Chapter 9 Quiz	
17. Chapter 10. The American Legal System and the	
18. Supreme Court Cases	
19. Chapter 10 Quiz	
20. Special Project*	
21. Unit 5 Test	

Unit 6: Public Opinion and Political Parties	
U.S. Government and Politics	Assignments
	1. Chapter 11. Public Opinion
	2. Chapter 11 Quiz
	3. Modern Polling
	4. Public Opinion
	5. Chapter 12. Political Parties
	6. Party Identification
	7. Chapter 12 Quiz
	8. Political Parties
	9. Chapter 13. Interest Groups
	10. Interest Groups and Lobbyists
11. U.S. Policy	
12. Interest Groups and Linkage Institutions	
13. Chapter 13 Quiz	
14. Chapter 14. Voting	
15. Chapter 14 Quiz	
16. Presidential Campaigning	
17. Primary Elections	
18. Special Project*	
19. Unit 6 Test	

Unit 7: The Media	
U.S. Government and Politics	Assignments
	1. Chapter 15. The Media
	2. Chapter 15 Quiz
3. The Colbert Report	
4. Bloomberg News Discussion	
5. Special Project*	
6. Unit 7 Test	

Unit 8: Federal Structure and Government Policies	
U.S. Government and Politics	Assignments
	1. Chapter 16. State and Local Politics in a Federal System
	2. Federal Viewpoints
	3. Chapter 16 Quiz
	4. Chapter 17. Social and Environmental Policy
	5. Chapter 17 Quiz
	6. Domestic Policy
	7. Your Country
	8. Chapter 18. Economic Policy
	9. Debt Ceiling
	10. Economic Outcomes
11. Chapter 18 Quiz	
12. Chapter 19. Foreign Policy	
13. Chapter 19 Quiz	
14. Special Project*	
15. Unit 8 Test	

Unit 9: AP® Test Preparation	
U.S. Government and Politics	Assignments
	1. Student Information on the Exam
	2. Chapters 1-5 and Complete the Two Diagnostic Exams
	3. Chapters 6-11
	4. Chapters 12-16
	5. Complete Practice Exam One and Score Your Test
	6. Complete Practice Test Two and Three
	7. Released FRQs
	8. Special Project*
9. Unit 9 Test	

Unit 10: Final Exam	
U.S. GP	Assignments
	1. Review
	2. Final Exam

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U.S. History

U.S. History is an advanced history course that helps students prepare for the College Board's AP exam which is at an introductory college level. The course emphasizes the movements and events that have shaped the United States from its earliest beginnings to the present day. AP courses are rigorous and utilize reading and writing skills, analysis, contextualization, and being able to compare and contrast past events with present.

One resource that should be widely used in this course is the information provided at apcentral.collegeboard.com. This site contains formerly released free response questions (FRQs) and multiple choice questions, as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the course description book which also gives the breakdown of the AP Exam™.

- **Unit 1:** Students will examine the Age of Discovery and also describe the political, economic, and religious characteristics of the original colonies.
- **Unit 2:** Students will identify the multiple causes and outcomes of the Revolutionary War.
- **Unit 3:** Students will examine America after the Revolution including the first government and leaders as well as the economic situation.
- **Unit 4:** Students will explore the Jefferson and Jackson presidencies, U.S. expansion, the War of 1812 and its effects.
- **Unit 6:** Students will describe the Industrial Revolution and its effects on American society, examine the Great Awakening, and the cotton industry in the South.
- **Unit 7:** Students will gain information on Manifest Destiny, sectionalism, and events leading to the Civil War.
- **Unit 8:** Students will recall the causes and major events of the Civil War and examine Reconstruction.
- **Unit 10:** Students will explore the politics and business of the Gilded Age including political bosses, giants of industry, and labor unions.
- **Unit 11:** Students will describe the urbanization of America and its effects, westward migration, and agricultural difficulties.
- **Unit 12:** Students will explain the factors of U.S. imperialism and Theodore Roosevelt's presidency.
- **Unit 13:** Students will identify characteristics and events of the Progressive Era, the start of World War I, and summarize U.S. involvement in World War I.
- **Unit 14:** Students will describe the economic and cultural characteristics of the Roaring Twenties. They will also examine causes of and responses to the Great Depression.
- **Unit 15:** Students will explore the New Deal, World War II, and America's involvement in the war.
- **Unit 16:** Students will describe the causes and events of the Cold War, Eisenhower era, and the 1960s.
- **Unit 17:** Students will describe the 1970s, the rise of conservatism, and the United States since the Cold War including the Iraq War and 9/11.

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Unit 1: The Age of Discovery and Colonial Settlement (1500-1692)	
U.S. History	Assignments
	1. Course Overview
	2. Course Information
	3. New World Beginnings, 33,000 B.C-A.D. 1769
	4. Planting of English America, 1500-1733
	5. Settling the Northern Colonies, 1619-1700
	6. American Life in the Seventeenth Century, 1607 - 1692
	7. Special Project*
	8. Test: The Age of Discovery and Colonial Settlement
9. Writing Assignment	
Unit 2: Pre-Revolutionary America (1608-1775)	
U.S. History	Assignments
	1. Unit Information
	2. Colonial Society on the Eve of the Revolution, 1700 - 1775
	3. The Duel for North America, 1608-1763
	4. The Road to Revolution, 1763-1775
	5. Special Project*
	6. Test: Pre-Revolutionary America
7. Writing Assignment	
Unit 3: The Revolutionary Period and the Early Republic (1775-1800)	
U.S. History	Assignments
	1. Course Information
	2. America Secedes from the Empire, 1775-1783
	3. The Confederation and the Constitution, 1776-1790
	4. Launching the New Ship of State, 1789-1800
	5. Special Project*
	6. Test: The Revolutionary Period and the Early Republic
7. Writing Assignment	
Unit 4: The Development of Jeffersonian Democracy (1800-1840)	
U.S. History	Assignments
	1. Course Information
	2. The Triumphs and Travails of the Jeffersonian Republic, 1800-1812
	3. The Second War for Independence and the Upsurge of Nationalism, 1812-1824
	4. The Rise of a Mass Democracy, 1824-1840
	5. Special Project*
	6. Test: The Development of Jeffersonian Democracy
7. Writing Assignment	
Unit 5: Midterm Examination	
U.S. History	Assignments
	1. Midterm Tips
	2. Midterm Examination
3. Alternate Midterm Examination*	
Unit 6: The Changing Face of America (1790-1860)	
U.S. History	Assignments
	1. Forging the National Economy, 1790-1860
	2. The Ferment of Reform and Culture, 1790-1860
	3. The South and the Slavery Controversy, 1793-1860
	4. Special Project
	5. Test: The Changing Face of America
6. Writing Assignment	
Unit 7: The Pre-Civil War Era (1841-1861)	
U.S. History	Assignments
	1. Course Information
	2. Manifest Destiny and Its Legacy, 1841-1848
	3. Renewing the Sectional Struggle, 1848-1854
	4. Drifting Toward Disunion, 1854-1861
	5. Special Project*
	6. Test: The Pre-Civil War Era
7. Writing Assignment	
Unit 8: Civil War and Reconstruction (1861-1877)	
U.S. History	Assignments
	1. Girding for War: The North and the South, 1861-1865
	2. The Furnace of Civil War, 1861-1865
	3. The Ordeal of Reconstruction, 1865-1877
	4. Special Project*
	5. Test: Civil War and Reconstruction
6. Writing Assignment	

U.S. History	Unit 9: Semester I Final Examination	
	Assignments	
	1. Final Exam Tips 2. Final Examination	3. Alternate Final Examination*
U.S. History	Unit 10: Forging an Industrial Society (1869-1900)	
	Assignments	
	1. Semester II Course Introduction 2. Political Paralysis in the Gilded Age, 1869-1896 3. Industry Comes of Age, 1865-1900	4. Special Project* 5. Test: Forging an Industrial Society 6. Writing Assignment
U.S. History	Unit 11: America Moves: to the City and to the West (1865-1900)	
	Assignments	
	1. America Moves to the City, 1865-1900 2. The Great West and the Agricultural Revolution, 1865-1896	3. Special Project* 4. Test: America Moves: to the City and to the West 5. Writing Assignment
U.S. History	Unit 12: America's Age of Imperialism (1890-1912)	
	Assignments	
	1. Empire and Expansion, 1890-1909 2. Progressivism and the Republican Roosevelt, 1901-1912	3. Special Project* 4. Test: America's Age of Imperialism 5. Writing Assignment
U.S. History	Unit 13: Wilson and the First World War (1912-1918)	
	Assignments	
	1. Wilsonian Progressivism at Home and Abroad, 1912-1916 2. The War to End War, 1917-1918	3. Special Project* 4. Test: Wilson and the First World War 5. Writing Assignment
U.S. History	Unit 14: Semester II Midterm Examination	
	Assignments	
	1. Midterm Tips	2. Midterm Examination
U.S. History	Unit 15: The Roaring Twenties and the Politics of Boom and Bust (1919-1932)	
	Assignments	
	1. American Life in the 'Roaring Twenties', 1919-1929 2. The Politics of Boom and Bust, 1920-1932 3. Special Project*	4. Test: The Roaring Twenties and the Politics of Boom and Bust 5. Writing Assignment
U.S. History	Unit 16: FDR and the New Deal (1933-1941)	
	Assignments	
	1. The Great Depression and the New Deal, 1933-1939 2. Franklin D. Roosevelt and the Shadow of War, 1933-1941 3. America in World War II, 1941-1945	4. Special Project* 5. Test: FDR and the New Deal 6. Writing Assignment
U.S. History	Unit 17: America in the Postwar Era	
	Assignments	
	1. The Cold War Begins, 1945-1952 2. The Eisenhower Era, 1952-1960 3. The Stormy Sixties, 1960-1968	4. Special Project* 5. Test: America in the Postwar Era 6. Writing Assignment

Unit 18: Toward a New Century	
U.S. History	Assignments
	1. The Stalemate of the Seventies, 1968-1980
	2. The Resurgence of Conservatism, 1980-1992
	3. America Confronts the Post-Cold War Era, 1992-2004
	4. Special Project*
	5. Test: Toward a New Century
	6. Writing Assignment

Unit 19: Semester II Final Examination	
U.S. History	Assignments
	1. Final Exam Tips
	2. Final Examination

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Blended Learning Library

Mathematics 700 Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Mathematics 700 Resources	Unit 1: Integers	
	Assignments	
	1. Integers on the Number Line	8. Dividing Integers
	2. Comparing and Ordering Integers	9. Using Integers
	3. Inequalities and Absolute Value	10. The Real Number System
	4. Adding Integers with the Same Sign	11. Real Number Properties
	5. Adding Integers with Different Signs	12. The Distributive Property
	6. Subtracting Integers	13. Order of Operations
	7. Multiplying Integers	14. Exponents and the Order of Operations

Mathematics 700 Resources	Unit 2: Fractions	
	Assignments	
	1. Fractions and Mixed Numbers	5. Adding and Subtracting Fractions with Unlike Denominators
	2. Prime Factorization	6. Reducing Fractions
	3. Greatest Common Factor and Least Common Multiple	7. Comparing and Ordering Fractions
	4. Adding and Subtracting Fractions with Like Denominators	8. Multiplying Fractions
		9. Dividing Fractions

Mathematics 700 Resources	Unit 3: Decimals	
	Assignments	
	1. Comparing and Ordering Decimals	5. Fractions as Decimals
	2. Rounding and Estimating Decimals	6. Using Decimals
	3. Adding and Subtracting Decimals	7. Scientific Notation
	4. Multiplying and Dividing Decimals	8. The Metric System

Mathematics 700 Resources	Unit 4: Patterns and Equations	
	Assignments	
	1. Adding and Subtracting Algebraic Expressions	5. Translating Word Sentences
	2. Expanding and Factoring Algebraic Expressions	6. Solving Equations Using Addition and Subtraction
	3. Identifying Functions	7. Solving Equations Using Multiplication and Division
	4. Identifying Function Rules	

Mathematics 700 Resources	Unit 5: Ratios and Proportions	
	Assignments	
	1. Ratios 2. Rates 3. Proportions 4. Similarity	5. Converting between Fractions, Decimals and Percents 6. Solving Percent Problems Using Proportions 7. Solving Percent Problems Using Equations

Mathematics 700 Resources	Unit 6: Probability and Graphing	
	Assignments	
	1. Theoretical Probability 2. Experimental Probability 3. Sample Space 4. Independent and Dependent Events	5. Graphing Linear Equations 6. Slope 7. Direct Variation

Mathematics 700 Resources	Unit 7: Data Analysis	
	Assignments	
	1. Theoretical Probability 2. Experimental Probability 3. Sample Space 4. Independent and Dependent Events	5. Graphing Linear Equations 6. Slope 7. Direct Variation

Mathematics 700 Resources	Unit 8: Geometry	
	Assignments	
	1. Special Pairs of Angles 2. Polygons 3. Triangles 4. Quadrilaterals	5. Symmetry 6. Reflections 7. Translations

Mathematics 700 Resources	Unit 9: Measurement and Area	
	Assignments	
	1. Perimeter 2. Circumference 3. Area of a Parallelogram 4. Area of Triangles and Trapezoids	5. Area of Circles 6. Area of Composite Figures 7. Square and Square Roots

Mathematics 700 Resources	Unit 10: Surface Area and Volume	
	Assignments	
	1. Surface Area and Volume 2. Surface Area Rectangular Prisms 3. Volume of Rectangular Prisms 4. Surface Area and Volume	5. Volume of Triangular Prisms 6. Surface Area of Cylinders 7. Volume of Cylinders

Mathematics 800 Resources

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Unit 1: The Real Number System	
Mathematics 800 Resources	Assignments
	1. Course Overview
	2. The Real Number System
	3. Symbolic Algebra
	4. The Number Line
	5. Comparing Rational Numbers
	6. Rational and Irrational Numbers
	7. The Distributive Property
	8. Negative Exponents
	9. Operations with Scientific Notation
10. Square Roots	

Unit 2: Modeling Problems in Integers	
Mathematics 800 Resources	Assignments
	1. Translating into Mathematical Language
	2. Solving One-Step Equations
	3. Solving Two-Step Equations
	4. Relations and Functions
	5. Analyzing Graphs
	6. Adding Integers
	7. Subtracting Integers
	8. Exponents and Integers
	9. Evaluating Expressions
	10. Graphing using Coordinate Planes
	11. Using Equivalent Expressions to Solve Equations
	12. Solving Two-Step Equations
13. Solving Word Problems	

Unit 3: Modeling Problems with Rational Numbers	
Mathematics 800 Resources	Assignments
	1. Adding and Subtracting Unlike Fractions
	2. Multiplying and Dividing Fractions
	3. One-step Addition and Subtraction Equations
	4. One-Step Multiplication and Division Equations
	5. Two-Step Equations
	6. One-Step Inequalities
7. Two-Step Inequalities	

Unit 4: Proportional Reasoning	
Mathematics 800 Resources	Assignments
	1. Proportions
	2. Direct Variations
	3. Solving Percent Problems
	4. Unit Conversions
	5. Unit Conversions with Metric Units
	6. Indirect Measure
7. Models and Scales	

Unit 5: More with Functions	
Mathematics 800 Resources	Assignments
	1. Solving Equations by Combining Like Terms
	2. Solving Equations with Distributive Property
	3. Slope-Intercept Form
	4. Non-Linear Functions
	5. Patterns and Arithmetic Sequences
	6. Geometric Sequences
7. Recursive Sequences	

Mathematics 800 Resources	Unit 6: Probability and Graphing	
	Assignments	
	<ol style="list-style-type: none"> 1. Perpendicular and Parallel Lines 2. Going in Circles 3. Classifying Polygons 4. Angle Measures of Polygons 	<ol style="list-style-type: none"> 5. Classifying Triangles 6. The Quadrilateral Family 7. Pythagorean Theorem

Mathematics 800 Resources	Unit 7: Perimeter and Circumference	
	Assignments	
	<ol style="list-style-type: none"> 1. Perimeter and Circumference 2. Area Triangles and Trapezoids 3. Symmetry 4. Reflections 	<ol style="list-style-type: none"> 5. Translations 6. Rotations 7. Dilations

Mathematics 800 Resources	Unit 8: Measures of Solid Figures	
	Assignments	
	<ol style="list-style-type: none"> 1. Surface Area of Rectangular Prisms 2. Surface Area of Cylinder 3. Surface Area of Composite Figures 4. Volume of Triangular Prisms 	<ol style="list-style-type: none"> 5. Volume of Square Pyramids 6. Volume of Cones 7. Volume of Spheres

Mathematics 800 Resources	Unit 9: Data Analysis	
	Assignments	
	<ol style="list-style-type: none"> 1. Measures of Central Tendency and Dispersion 2. Circle Graphs 3. Frequency and Histograms 4. Constructing Box and Whisker Plots 	<ol style="list-style-type: none"> 5. Interpreting Box and Whisker Plots 6. Scatter Plots 7. Misleading Graphs

Mathematics 800 Resources	Unit 10: Probability	
	Assignments	
	<ol style="list-style-type: none"> 1. Tree Diagrams and Counting Principle 2. Permutation 3. Combinations 4. Probability and Odds 	<ol style="list-style-type: none"> 5. Probability Types 6. Overlapping Events 7. Independent and Dependent Events

Algebra I Resources

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Unit 1: Foundations of Algebra	
Algebra I Resources	Assignments
	1. Course Overview
	2. Translating with Algebraic Expressions
	3. Using the Order of Operations
	4. Evaluating Expressions
	5. Real Numbers and The Number Line
	6. Converting between Decimals and Fractions
	7. The Multiplicative Inverse
	8. Adding and Subtracting Rational Numbers
	9. Dividing Integers
	10. Absolute Value and the Order of Operations
	11. Properties of Addition and Multiplication
	12. Combining Like Terms
13. Simplifying Expressions	

Unit 2: Linear Equations	
Algebra I Resources	Assignments
	1. Translating Algebraic Sentences
	2. Solutions
	3. Multiplication Property of Equality
	4. Solving Two-Step Equations
	5. Solving Multi-Step Equations
	6. Linear Equations--Possible Solution Sets
	7. Solving Equations with Parentheses
	8. Solving Literal Equations
	9. Writing Equations
	10. Solving Word Problems
	11. Consecutive Integer Problems
	12. Age Problems
	13. Error in Measurement
14. Mixture Problems	

Unit 3: Functions	
Algebra I Resources	Assignments
	1. The Abscissa and Ordinate
	2. Relations
	3. Inputs and Outputs
	4. Graphing Functions on the Coordinate Plane
	5. Writing a Function Rule
	6. Sequences
	7. Direct Variations
	8. Finding Slope Algebraically
	9. Writing Equations in General Form
	10. Slope-Intercept Form
	11. Writing Linear Equations (1)
	12. Writing Linear Equations (2)
13. Parallel and Perpendicular Lines	

Unit 4: Inequalities	
Algebra I Resources	Assignments
	1. Set Builder Notation
	2. Solving Inequalities by Addition
	3. Solving Inequalities by Multiplication
	4. Solving Multi-Step Inequalities
	5. Translating Inequalities
	6. Union and Intersection
	7. Compound Inequalities
8. Graphing Linear Inequalities	
9. Solving Absolute Value Equations and Inequalities	
10. Graphing Absolute Value Inequalities on the Number Line	
11. Graphing Absolute Value Inequalities on the Coordinate Plane	

Unit 5: Linear Systems	
Algebra I Resources	Assignments
	1. Systems of Linear Equations
	2. Solve a System by Graphing
	3. Systems of Inequalities Solutions
	4. Solving by Substitution
	5. Solving by Elimination
	6. Solving with Determinants
	7. Solving Systems with Fractions
	8. Solving Word Problems with Two Unknowns
	9. Solving Money Problems
10. Solving Mixture Problems	

Unit 6: Polynomials	
Algebra I Resources	Assignments
	1. Adding and Subtracting Polynomials
	2. Simplifying Polynomial Expressions
	3. Multiplying Polynomials
	4. The FOIL Method
	5. Dividing by a Monomial
	6. Dividing by a Polynomial
	7. Prime Factorization and the GCF
	8. Factoring Polynomials
	9. Factoring by Grouping
	10. Factoring Trinomials (1)
	11. Factoring Trinomials (2)
	12. The Difference of Two Squares
13. Factoring Polynomials Completely	

Unit 7: Exponential and Radical Functions	
Algebra I Resources	Assignments
	1. Negative Exponents
	2. Evaluating Exponential Expressions
	3. Writing Numbers in Scientific Notation
	4. Properties of Exponents (1)
	5. Properties of Exponents (2)
	6. Properties of Exponents (3)
	7. Geometric Sequences
	8. Simplifying Perfect Roots
	9. Multiplying Radicals
	10. Rationalizing the Denominator
	11. Combining Like Radicals
12. Radical Equations	

Unit 8: Quadratics	
Assignments	
Algebra I Resources	1. The Pythagorean Theorem and Irrational Numbers
	2. Circle Equations
	3. Midpoint of a Line Segment
	4. Quadratic Equations
	5. Graphing Parabolas
	6. Graphing Quadratic Functions in General Form
	7. Graphing Quadratic Inequalities
	8. Solving Quadratic Equations by Factoring
	9. The Square Root Property
10. Solving Word Problems Using a Quadratic Equation	
11. Solving Quadratic Equations by Completing the Square (1)	
12. Solving Quadratic Equations by Completing the Square (2)	
13. The Quadratic Formula	
14. Solving Quadratic Equations Using the Quadratic Formula	

Unit 9: Rational Expressions	
Assignments	
Algebra I Resources	1. Writing a Rational Expression in Lowest Terms
	2. Multiplying and Dividing Rational Expressions
	3. Adding and Subtracting Rational Expressions (1)
	4. Adding and Subtracting Rational Expressions (2)
	5. Solving Proportions
	6. Solving Equations That Contain Fractions
	7. Simplifying Complex Fractions
	8. Solving Inequalities That Contain Fractions
	9. Distance and Pipe Flow Problems
	10. Unknown Number Problems

Unit 10: Probability and Statistics	
Assignments	
Algebra I Resources	1. Mean, Median, and Mode
	2. Range and Interquartile Range
	3. Scatter Plots
	4. Listing Outcomes and the Multiplication Principle
	5. Permutations
	6. Combinations
	7. Introduction to Probability
	8. Mutually Exclusive and Inclusive Events

Geometry Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Unit 1: Introduction	
Geometry Resources	Assignments
	1. Course Overview
	2. Set Theory Review
	3. Operations with Sets
	4. Point
	5. Line
	6. Plane
	7. Geometric Postulates
	8. Review of Algebraic Postulates
	9. Geometric Theorems
10. Review of Properties of Algebra	

Unit 2: Logic	
Geometry Resources	Assignments
	1. Logic
	2. Conjunctions
	3. Disjunctions
	4. Negations
	5. Conditional Statements
	6. Converse, Inverse, Contrapositive
	7. The Given Statement
	8. To Prove Statement
	9. The Plan of the Proof
10. The Paragraph Proof	

Unit 3: Angles and Parallels	
Geometry Resources	Assignments
	1. Angle Measurement
	2. Angle Relationships
	3. Angle Relationship Theorems
	4. Basic Properties of Parallels
	5. Transversals and Special Angles
	6. Classifying Triangles
	7. Exterior and Remote Interior Angles of a Triangle
	8. Proofs Involving Triangles
	9. Other Polygons

Unit 4: Congruent Triangles and Quadrilaterals	
Geometry Resources	Assignments
	1. Defining Congruent Triangles
	2. Proving Triangles Congruent
	3. Proving Right Triangles congruent
	4. Independent Triangles
	5. Overlapping Triangles
	6. Isosceles Triangles
	7. Inequality Theorem in One Triangle
	8. Quadrilateral Parallelograms Theorems
	9. Triangles that Use Parallelograms in Proofs
	10. Parallelograms: Rectangles
11. Trapezoids - Definitions and Proofs	

Unit 5: Similar Polygons	
Assignments	
Geometry Resources	1. Algebra and Ratios
	2. Algebra Properties and Proportions
	3. Properties of Proportions
	4. Meaning of Similarity - Theorems
	5. Meaning of Similarity - Proofs
	6. The Pythagorean Theorem
	7. Theorems about 45-45-90 Right Triangles
	8. Using Triangles: Rectangular Solids
	9. Using Triangles: Regular Square Pyramid
	10. Trigonometry - Sine Ratio
	11. Trigonometry - Cosine Ratio
	12. Trigonometry - Tangent Ratio
	13. Using Similar Triangles in Indirect Measurement
	14. Using Trigonometry in Indirect Measurement

Unit 6: Circles	
Assignments	
Geometry Resources	1. Tangents
	2. Arcs
	3. Chords
	4. Special Segments

Unit 7: Area and Volume	
Assignments	
Geometry Resources	1. Area Concepts of Polygons
	2. Area of Regular Polygons
	3. Circles: Circumference and Pi
	4. Circles: Areas of Circles
	5. Circles: Areas of Sectors
	6. Circles: Areas of Segments
	7. Solids: Prisms
	8. Solids: Pyramids
	9. Solids: Cylinders
	10. Solids: Cones
	11. Solids: Spheres
	12. Two and Three-Dimensional Objects

Unit 8: Coordinate Geometry	
Assignments	
Geometry Resources	1. Symmetry
	2. Distance Formula
	3. Perimeter and Area
	4. Equation of a Circle
	5. Midpoint Formula
	6. Slope
	7. Parallel and Perpendicular Lines
	8. Figures in the Coordinate Plane

Unit 9: Transformations	
Assignments	
Geometry Resources	1. Isometry: Reflection
	2. Isometry: Translations
	3. Isometry: Rotations
	4. Similarity Transformation: Dilation
	5. Inverse and Identity

Geometry Resources	Unit 10: Geometric Application	
	Assignments	
	1. Using SOH CAH TOA in Trigonometry	5. Law of Cosines: Finding a Side
	2. Finding the Values of Trigonometric Functions	6. Law of Cosines: Finding an Angle
	3. Law of Sines	7. Density
	4. Ambiguity and Area of a Triangle	

Geometry Resources	Unit 11: Probability	
	Assignments	
	1. Definitions, Sample Spaces and Probability	5. Conditional Probability
	2. Addition of Probabilities	6. Conditional Probability in the Real-World Situations
	3. Multiplication of Probabilities	7. Two-Way Frequency Tables
	4. Permutations of N Things: Different	

Algebra II Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Algebra II Resources	Unit 1: Set, Structure, and Function	
	Assignments	
	1. Course Overview	5. Relations and Functions: Graphs
	2. Picturing sets	6. Algebraic Expressions: Exponents
	3. Working with Sets	7. Solving Multi-Step Equations
	4. Relations and Functions: Definitions	8. Working with Inequalities
Algebra II Resources	Unit 2: Numbers, Sentences, and Problems	
	Assignments	
	1. Equations with Parentheses	3. Solving and Graphing Compound inequalities
	2. Graphing Solution Sets for Inequalities	4. Motion Problems
Algebra II Resources	Unit 3: Linear Equations and Inequalities	
	Assignments	
	1. Graphing Lines with Two Points	5. Solutions by Addition
	2. Writing Equations with Point Slope	6. Solving Systems by Substitution
	3. Graphing Lines with Slope Intercept	7. Graphing Two Variable Inequalities
	4. Solving Systems by Graphing	
Algebra II Resources	Unit 4: Polynomials	
	Assignments	
	1. Products and Factoring	7. Add and Subtract Polynomials by Identifying Like Terms
	2. Multiplying Polynomials by Polynomials	8. Synthetic Division
	3. Special Products Part 1	9. The Remainder Theorem
	4. Special Products Part 2	10. Using Numerical Relationships
	5. Identify and Factor Perfect Square Trinomials	11. Direct Variation
	6. Identify and Factor Sum and Difference of Cubes	12. Inverse Variation
Algebra II Resources	Unit 5: Algebraic Fractions	
	Assignments	
	1. Dividing Algebraic Fractions	3. Mixed Expressions and Complex Fractions
	2. Adding and Subtracting Rational Expressions	4. Equations with Fractions

Unit 6: Real Numbers	
Algebra II Resources	Assignments
	1. Real Numbers
	2. Laws of Radicals
	3. Conjugates
	4. Radical Equations
	5. Factoring Quadratic Equations
	6. Completing the Square
7. Quadratic Formula	
8. Sum and Product of Roots	
9. The Discriminant	
10. Fundamental Theorem of Algebra	
11. Imaginary Numbers	

Unit 7: Quadratic Relations and Systems	
Algebra II Resources	Assignments
	1. Circles
	2. Ellipse
	3. More ellipses
	4. Parabola
	5. Hyperbola 1
	6. Systems of Equations
	7. Solutions of Inequalities
8. Constant of Proportionality	

Unit 8: Functions	
Algebra II Resources	Assignments
	1. Exponential Functions
	2. Graphs of Piecewise functions
	3. Exponential Equations
	4. Logarithmic Functions
	5. Evaluating Exponential functions with Logarithms
	6. Properties of Logarithms
	7. Solving Logarithmic Equations
	8. Comparing Functions
	9. Inverse Functions
	10. Matrices
11. System Solutions with Matrices	

Unit 9: Counting Principles	
Algebra II Resources	Assignments
	1. Factorials
	2. Permutations
	3. Combination Formula
	4. Combinations Applications
	5. Binomial Coefficients
	6. Probability concepts
	7. Equally likely outcomes
	8. Multiplication Principle
9. Conditional Probability	

Unit 10: Trigonometry	
Algebra II Resources	Assignments
	1. The Unit Circle
	2. Reciprocal Functions
	3. Radian Measure
	4. Evaluating Trig Functions
	5. The Pythagorean Identity
	6. Graphs and Amplitude
7. Graphs and Modeling	

Unit 11: Statistics	
Algebra II Resources	Assignments
	1. Sample Surveys
	2. Normal Distributions
	3. Experiments
4. Probability and Decisions	

Test Prep

ACT Test Prep

ACT [®] Test Prep	Unit 1: Orientation to the ACT	
	Assignments	
	1. Introduction and Overview to the ACT 2. Test Tips	3. Glossary and Credits
ACT [®] Test Prep	Unit 2: The ACT English Test	
	Assignments	
	1. Overview of the ACT English Test 2. Punctuation, Grammar, and Usage 3. Sentence and Paragraph Structure 4. Sentence and Paragraph Structure: Pronouns 5. Sentence and Paragraph Structure: Syntax and Style	6. Word Use 7. Writing Strategy and Style 8. English Practice Test 9. Glossary and Credits
ACT [®] Test Prep	Unit 3: The ACT Mathematics Test	
	Assignments	
	1. Overview of the ACT Mathematics Test 2. Elementary Algebra 3. Intermediate Algebra/Coordinate Geometry	4. Plane Geometry/Trigonometry 5. Mathematics Practice Test 6. Glossary and Credits
ACT [®] Test Prep	Unit 4: The ACT Reading Test	
	Assignments	
	1. Overview of the ACT Reading Test 2. Balance and Efficiency 3. Fiction	4. Nonfiction 5. Reading Practice Test 6. Glossary and Credits
ACT [®] Test Prep	Unit 5: The ACT Science Test	
	Assignments	
	1. Overview of the ACT Science Test 2. Data Representation 3. Research Summaries	4. Conflicting Viewpoints 5. Science Practice Test 6. Glossary and Credits
ACT [®] Test Prep	Unit 6: The ACT Writing Test	
	Assignments	
	1. Overview of the ACT Writing Test 2. Samples and Comparison	3. Prompts for Practice 4. Glossary and Credits

Unit 7: Practice Test	
Assignments	
ACT® Test Prep	1. ACT Practice Test: English
	2. ACT Practice Test: Math
	3. ACT Practice Test: Reading
	4. ACT Practice Test: Science
	5. ACT Practice Test - Alternate Test 1: English*
	6. ACT Practice Test - Alternate Test 1: Math*
	7. ACT Practice Test - Alternate Test 1: Reading*
	8. ACT Practice Test - Alternate Test 1: Science*
	9. ACT Practice Test - Alternate Test 2: English*
	10. ACT Practice Test - Alternate Test 2: Math*
	11. ACT Practice Test - Alternate Test 2: Reading*
	12. ACT Practice Test - Alternate Test 2: Science*
	13. ACT Practice Test - Alternate Test 3: English*
	14. ACT Practice Test - Alternate Test 3: Math*
	15. ACT Practice Test - Alternate Test 3: Reading*
	16. ACT Practice Test - Alternate Test 3: Science*

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Essentials of Mathematics

Essentials of Mathematics is a semester-length review of the fundamentals taught in Pre-Algebra, Algebra I and Geometry courses and is useful at the high school level for basic skill remediation and/or practice necessary to prepare for a state exam. The course highlights basic mathematical skills through multiple review, practice and sample exam questions.

Upon successfully completing the course, the student should have mastered the following concepts:

- Understand and know how to compute and define rational numbers.
- Perform basic operations such as addition, subtraction, multiplication, and division with fractions, decimals, and percents.
- Apply basic fundamental rules of exponents as well as scientific notation.
- Be able to construct basic and complex geometric shapes; solve for perimeter, area, surface area, and volume.
- Use inductive and deductive reasoning, conjectures, and estimation necessary to construct a picture, formula or equation needed for analyzing and solving algebraic and geometric word problems involving basic probability and statistical reasoning, scale factor, graphic representation of quantities, and linear systems of equations.
- Solve single variable, absolute value, and linear systems of equations.
- Evaluate, solve, and graph linear functions as well as conceptualize the relationship between the independent and dependent variable of a function.
- Simplify and perform operations with radical expressions and polynomials.
- Understand and know how to apply the slope-intercept form of a line, slope formula, and Pythagorean theorem.

Unit 1: Number Sense	
Assignments	
1. Course Overview	9. Fractions and Factoring
2. Reviewing Rational Numbers	10. Using Exponent Rules
3. Absolute Value and Integers	11. Exponents in Scientific Notation
4. Quiz 1: Reviewing Rational Numbers	12. Negative Whole-Number Exponents
5. Converting Fractions to Decimals and Percents	13. Powers and Roots
6. Working with Percents (1) Increase and Decrease	14. Quiz 3: Fractions and Factoring, Exponents, Powers and Roots
7. Working with Percents (2) Applications of Percents	15. Test
8. Quiz 2: Fractions, Decimals, and Percents	

Essentials of Mathematics	Unit 2: Statistics, Data, Analysis, and Probability	
	Assignments	
	<ol style="list-style-type: none"> Measures of Central Tendency Evaluating Statistical Claims Displaying and Comparing Data Sets Quiz 1: Working with Data Outcomes 	<ol style="list-style-type: none"> Representing Probabilities Independent and Dependent Variables Quiz 2: Probability Test

Essentials of Mathematics	Unit 3: Algebra and Functions	
	Assignments	
	<ol style="list-style-type: none"> Order of Operations Working with Exponents and Roots The Distributive Property Add and Subtract Polynomials Multiply and Divide Polynomials Quiz 1: Simplifying Expressions 	<ol style="list-style-type: none"> Inverse Operations Solving Two-Step Equations and Inequalities Writing Mathematical Statements Quiz 2: Solving Equations and Inequalities Test

Essentials of Mathematics	Unit 4: Measurement and Geometry	
	Assignments	
	<ol style="list-style-type: none"> Measurement Systems Scale Drawings and Models Measures of Rates and Products Perimeter and Area: 2D Figures Surface Area and Volume: 3D Figures Quiz 1: Measurement and Geometry Converting Between Units of Measure Complex 2D Objects 	<ol style="list-style-type: none"> Complex 3D Objects Geometric Shapes: Scale Factors Quiz 2: Complex Objects Pythagorean Theorem Coordinate Graphs Transformations and Congruent Figures Quiz 3: Coordinate Geometry Test

Essentials of Mathematics	Unit 5: Mathematical Reasoning	
	Assignments	
	<ol style="list-style-type: none"> Analyzing Problems Making Conjectures Estimation (1) Estimation (2) 	<ol style="list-style-type: none"> Inductive and Deductive Reasoning Solving Problems Quiz 1: Mathematical Reasoning Test

Essentials of Mathematics	Unit 6: Algebra I	
	Assignments	
	<ol style="list-style-type: none"> Graphs and Charts Represent Data Graphing Linear Functions Parallel Lines Solutions of Linear Equations Graphing Higher Power Functions Quiz 1: Graphing Solving Absolute Value Inequalities Solving Linear Equations 	<ol style="list-style-type: none"> Solving Linear Inequalities Quiz 2: Equations Multi-Step Word Problems (Rate) Multi-Step Word Problems (Work) Multi-Step Word Problems (Percent Mixture) System of Equations System of Linear Inequalities Quiz 3: Equations Test

EOM	Unit 7: Final Exam	
	Assignments	
	<ol style="list-style-type: none"> Final Exam 	<ol style="list-style-type: none"> Alternate Final Exam*

GED Test Prep

Unit 1: Reasoning Through Language Arts	
Assignments	
GED® Test Prep	1. Overview and Diagnostic Test
	2. Main Ideas
	3. Cause and Effect, Compare and Contrast
	4. Drawing Conclusions and Making Generalizations
	5. Analyzing Language, Tone, and Word Choice
	6. Analyzing Arguments
	7. Relationships Between Texts
	8. Plot
	9. Understanding Characters
	10. Theme
	11. Style and Inferences
	12. Understanding Point of View
	13. Figurative Language
	14. Parts of the Sentence
15. Independent and Subordinate Clauses	
16. Sentence Errors	
17. Parallel Structure and Agreement	
18. Capitalization and Punctuation	
19. Possessives and Contractions	
20. Commonly Confused Words/Homonyms	
21. Understanding the Writing Prompt	
22. Planning and Organizing Your Writing	
23. Developing a Thesis	
24. Gathering Evidence	
25. Writing Your Response	
26. Revising, Editing, and Polishing	
27. Review Test	

Unit 2: Mathematical Reasoning	
Assignments	
GED® Test Prep	1. Overview and Diagnostic Test
	2. Numbers, Value, and Order of Operations
	3. Place Value and Rounding
	4. Factors, Multiples, and Exponents
	5. Fractions
	6. Decimals
	7. Operating on Fractions and Decimals
	8. Ratios
	9. Proportion
	10. Percentages
	11. Percentages and Averages
	12. Applications
	13. Pictographs, Line Plots, Histograms
	14. Interpreting Data: Tables and Graphs
	15. Picture, Bar, and Pie Charts
	16. Probability
	17. Statistics
	18. The Pictograph and Bar Graph
	19. Combinations and Permutations
	20. Measurement
	21. Units and Conversion
	22. Formula Review
	23. Two-dimensional Figures
	24. Triangle, Pythagorean Theorem
	25. Three-dimensional Figures
	26. Similar Figures and Scale Drawings
	27. The Number Line, Power, Roots
	28. Scientific Notation and Algebraic Expressions
	29. Polynomials: Add and Subtract
30. Polynomials: Divide and Multiply	
31. Algebraic Expressions and Variables	
32. Expressions, Variables, and Exponents	
33. More Expressions, Variables, and Exponents	
34. Exponential Expressions	
35. Exponential Functions	
36. Simplifying Radicals	
37. Dividing Radicals	
38. Equations	
39. Functions	
40. Linear Equations	
41. Inequalities	
42. Verbal Problems	
43. Review of Algebra (Part 1)	
44. Review of Algebra (Part 2)	
45. Review of Algebra (Part 3)	
46. Graphing and Coordinate Geometry	
47. Coordinate Graphs	
48. Graphing Functions	
49. Review Test	

Unit 3: Social Studies	
Assignments	
GED® Test Prep	1. Overview and Diagnostic Test
	2. Understanding Texts and Analyzing Point of View
	3. Interpreting Visual Elements
	4. Evaluating Evidence, Integrating Content
	5. Report: Bias, Propaganda, and Point of View
	6. American Revolution
	7. Civil War, Westward Expansion
	8. The Progressive Era
	9. The Civil Rights Era
	10. The Role of the U.S. in the World
	11. The Constitution
12. Branches of Government	
13. Political Parties and Voting	
14. Economic Concepts and the U.S. System	
15. The Economy and the Government	
16. Labor/Consumer Issues	
17. Early Civilizations	
18. Exploration and Colonization	
19. Report: Regional Lifestyles	
20. Current World Issues	
21. Report: Eras and Issues	
22. Review Test	

Unit 4: Science	
Assignments	
GED® Test Prep	1. Overview and Diagnostic Test
	2. Scientific Theories
	3. Scientific Method
	4. Conducting Investigations
	5. Reasoning and Evaluating
	6. Project: Research a Scientific Theory
	7. Cell Structures and Functions
	8. Cell Division and Reproduction
	9. Ecosystems and Food Chains
	10. Human Body Systems and Health
11. Reproduction, Heredity, and Genetics	
12. Theories of Evolution and Natural Selection	
13. Earth and Earth's Resources	
14. Weather and Climate	
15. Solar System and the Universe	
16. Atoms and Molecules	
17. The Periodic Table	
18. Energy, Motion, and Forces	
19. Types of Energy	
20. Science Review Test	

Unit 5: GED Practice Test	
Assignments	
GED® Test Prep	1. Reasoning Through Language Arts, Part 1
	2. Reasoning Through Language Arts, Part 2
	3. Reasoning Through Language Arts, Part 3
	4. Mathematical Reasoning, Part 1
	5. Mathematical Reasoning, Part 2
	6. Social Studies
	7. Science, Part 1
	8. Science, Part 2
	9. Reasoning Through Language Arts, Part 1: Alternate Test 1*
	10. Reasoning Through Language Arts, Part 2: Alternate Test 1*
	11. Reasoning Through Language Arts, Part 3: Alternate Test 1*
	12. Mathematical Reasoning, Part 1: Alternate Test 1*
	13. Mathematical Reasoning, Part 2: Alternate Test 1*
	14. Social Studies: Alternate Test 1*
	15. Science, Part 1: Alternate Test 1*
	16. Science, Part 2: Alternate Test 1*
	17. Reasoning Through Language Arts, Part 1: Alternate Test 2*
	18. Reasoning Through Language Arts, Part 2: Alternate Test 2*
	19. Reasoning Through Language Arts, Part 3: Alternate Test 2*
	20. Mathematical Reasoning, Part 1: Alternate Test 2*
	21. Mathematical Reasoning, Part 2: Alternate Test 2*
	22. Social Studies: Alternate Test 2*
	23. Science, Part 1: Alternate Test 2*
	24. Science, Part 2: Alternate Test 2*
	25. Reasoning Through Language Arts, Part 1: Alternate Test 3*
	26. Reasoning Through Language Arts, Part 2: Alternate Test 3*
	27. Reasoning Through Language Arts, Part 3: Alternate Test 3*
	28. Mathematical Reasoning, Part 1: Alternate Test 3*
	29. Mathematical Reasoning, Part 2: Alternate Test 3*
	30. Social Studies: Alternate Test 3*
	31. Science, Part 1: Alternate Test 3*
	32. Science, Part 2: Alternate Test 3*

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HiSet Test Prep

Unit 1: Language Arts - Reading Test	
HiSET® Test Prep	Assignments
	1. Overview and Diagnostic Test
	2. Identify Main Ideas and Summarize Text
	3. Cause and Effect, Compare and Contrast
	4. Drawing Conclusions and Making Generalizations
	5. Analyzing Language, Tone, and Word Choice
	6. Analyzing Arguments
	7. Plot
	8. Understanding Characters
	9. Theme
	10. Style and Inferences
	11. Understanding Point of View
	12. Figurative Language
	13. Process Categories
14. Review Test	

Unit 2: Language Arts - Writing Test	
HiSET® Test Prep	Assignments
	1. Overview and Diagnostic Test
	2. Parts of the Sentence
	3. Independent and Subordinate Clauses
	4. Sentence Errors
	5. Parallel Structure and Agreement
	6. Capitalization and Punctuation
	7. Possessives and Contractions
	8. Commonly Confused Words/Homonyms
	9. Understanding the Writing Prompt
	10. Planning and Organizing Your Writing
	11. Developing a Thesis
	12. Gathering Evidence
	13. Writing Your Response
	14. Revising, Editing, and Polishing
15. Review Test	

Unit 3: Mathematics	
HiSET® Test Prep	Assignments
	1. Overview and Diagnostic Test
	2. Numbers, Value, and Order of Operations
	3. Real and Complex Numbers
	4. Factors, Multiples, and Exponents
	5. Ratios, Proportions, Percents
	6. Measurable Attributes of Objects
	7. Techniques, Formulas, and Tools for Measuring
	8. Properties of Geometric Figures
	9. Theorems of Lines and Triangles
	10. Perimeter, Surface Area, Volume, Length, Angles
	11. Counting and Distribution
	12. Linear Relationships
	13. Probability
	14. Statistics
	15. Combinations and Permutations
	16. Algebraic Symbols and Functions
	17. Linear and Nonlinear Functions and Inequalities
	18. Simplifying Expressions, Functions
	19. Expressions, Relations, Equations
	20. Process Categories
21. Review Test	

Unit 4: Social Studies	
HiSET® Test Prep	Assignments
	1. Overview and Diagnostic Test
	2. American Revolution
	3. Civil War, Westward Expansion
	4. The Progressive Era, Civil Rights
	5. Major Eras in World History
	6. The Role of the U.S. in the World
	7. Citizenship and Civic Ideals
	8. Different Systems of Government
	9. The Role of the Citizen: Rights and Responsibilities
	10. Economic Concepts and the U.S. System
	11. The Economy and the Government
	12. Supply and Demand/Needs and Wants
	13. Physical and Human Geography
	14. Economic, Political, and Social Factors
	15. Using Maps and Other Tools
	16. Social Studies Process Categories
17. Review Test	

Unit 5: Science	
HiSET® Test Prep	Assignments
	1. Overview and Diagnostic Test
	2. Cell Structures and Function
	3. Cell Division and Reproduction
	8. Geologic Structures and Processes
	9. Solar System and the Universe
	10. Atoms and Molecules

4. Ecosystems and Food Chains	11. Energy, Motion, and Forces
5. Human Body Systems and Health	12. Types of Energy
6. Reproduction, Heredity, and Genetics	13. Process Categories
7. Earth and Earth's Resources	14. Review Test

Unit 6: HiSET® Practice Test	
Assignments	
HiSET® Test Prep	1. Reasoning Through Language Arts - Reading
	2. Reasoning Through Language Arts - Writing, Part 1
	3. Reasoning Through Language Arts - Writing, Part 2
	4. Mathematical Reasoning, Part 1
	5. Mathematical Reasoning, Part 2
	6. Social Studies, Part 1
	7. Science, Part 1
	8. Reasoning Through Language Arts - Reading: Alternate Test 1*
	9. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 1*
	10. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 1*
	11. Mathematical Reasoning, Part 1: Alternate Test 1*
	12. Mathematical Reasoning, Part 2: Alternate Test 1*
	13. Social Studies, Part 1: Alternate Test 1*
	14. Science, Part 1: Alternate Test 1*
	15. Reasoning Through Language Arts - Reading: Alternate Test 2*
	16. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 2*
	17. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 2*
	18. Mathematical Reasoning, Part 1: Alternate Test 2*
	19. Mathematical Reasoning, Part 2: Alternate Test 2*
	20. Social Studies, Part 1: Alternate Test 2*
	21. Science, Part 1: Alternate Test 2*
	22. Reasoning Through Language Arts - Reading: Alternate Test 3*
	23. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 3*
	24. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 3*
	25. Mathematical Reasoning, Part 1: Alternate Test 3*
	26. Mathematical Reasoning, Part 2: Alternate Test 3*
	27. Social Studies, Part 1: Alternate Test 3*

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TASC Test Prep

Unit 1: Language Arts - Reading Literacy		
Assignments		
TASC Test Prep	1. Overview and Diagnostic Test	9. Relationships Between Texts
	2. Identify Main Ideas and Summarize Text	10. Plot and Theme
	3. Analyze the Structures of Texts	11. Understanding Characters
	4. Cause and Effect, Compare and Contrast	12. Understanding Point of View
	5. Drawing Conclusions and Making Generalizations	13. Figurative Language
	6. Analyzing Language, Tone, and Word Choice	14. Evaluate Diverse Media and Formats
	7. Understanding Academic Language	15. Review Test
	8. Analyzing Arguments and Claims	

Unit 2: Language Arts - Writing		
Assignments		
TASC Test Prep	1. Overview and Diagnostic Test	7. Understanding the Writing Prompt
	2. Sentence Structure	8. Planning and Organizing Your Writing
	3. Sentence Errors: Run-ons and Comma Splices, and Parallelism	9. Developing a Thesis
	4. Capitalization and Punctuation	10. Write Arguments to Support a Claim
	5. Possessives and Contractions	11. Strengthening Writing
	6. Commonly Confused Words/Homonyms	12. Review Test

Unit 3: Mathematics		
Assignments		
TASC Test Prep	1. Overview and Diagnostic Test	10. Probability
	2. Numbers, Value, and Order of Operations	11. Statistics
	3. Complex Numbers	12. Combinations and Permutations
	4. Expressions and Equations	13. Algebraic Expressions and Functions
	5. Measurement	14. Polynomials
	6. Perimeter, Surface Area, Volume, Length, Angles	15. Interpreting Functions
	7. Expressing Geometric Figures	16. Reasoning with Equations and Inequalities
	8. Lines and Triangles	17. Review Test
	9. Circles	

Unit 4: Social Studies		
Assignments		
TASC Test Prep	1. Overview and Diagnostic Test	9. The Role of the Citizen
	2. Civil War and Reconstruction	10. Politics and Government
	3. The Industrial Era	11. Economic Basics
	4. Post-war United States (1940s-1970s)	12. Government and Economics
	5. Age of Revolutions (1750-1914)	13. Micro- and Macroeconomics
	6. Crisis and Achievement (1900-1945)	14. Places and Regions
	7. The World Since 1945	15. Environment and Society
	8. The Constitution	16. Review Test

Unit 5: Social Studies	
Assignments	
TASC Test Prep	1. Overview and Diagnostic Test
	2. Cell Structures and Function
	3. Cell Division and Reproduction
	4. Ecosystems
	5. Human Body Systems and Health
	6. Heredity and Genetics
	7. Theories of Evolution and Natural Selection
	8. Earth and Earth's Resources
9. Earth Systems	
10. Earth's Place in the Universe	
11. Matter	
12. Motion and Forces	
13. Types of Energy	
14. Waves	
15. Review Test	

Unit 6: TASC Practice Tests	
Assignments	
TASC Test Prep	1. Reasoning Through Language Arts, Part 1
	2. Reasoning Through Language Arts, Part 2
	3. Reasoning Through Language Arts, Part 3
	4. Mathematical Reasoning, Part 1
	5. Mathematical Reasoning, Part 2
	6. Social Studies, Part 1
	7. Science, Part 1
	8. Reasoning Through Language Arts, Part 1: Alternate Test 1*
	9. Reasoning Through Language Arts, Part 2: Alternate Test 1*
	10. Reasoning Through Language Arts, Part 3: Alternate Test 1*
	11. Mathematical Reasoning, Part 1: Alternate Test 1*
	12. Mathematical Reasoning, Part 2: Alternate Test 1*
	13. Social Studies, Part 1: Alternate Test 1*
	14. Science, Part 1: Alternate Test 1*
	15. Reasoning Through Language Arts, Part 1: Alternate Test 2*
	16. Reasoning Through Language Arts, Part 2: Alternate Test 2*
	17. Reasoning Through Language Arts, Part 3: Alternate Test 2*
	18. Mathematical Reasoning, Part 1: Alternate Test 2*
	19. Mathematical Reasoning, Part 2: Alternate Test 2*
	20. Social Studies, Part 1: Alternate Test 2*
	21. Science, Part 1: Alternate Test 2*
	22. Reasoning Through Language Arts, Part 1: Alternate Test 3*
	23. Reasoning Through Language Arts, Part 2: Alternate Test 3*
	24. Reasoning Through Language Arts, Part 3: Alternate Test 3*
	25. Mathematical Reasoning, Part 1: Alternate Test 3*
	26. Mathematical Reasoning, Part 2: Alternate Test 3*
	27. Social Studies, Part 1: Alternate Test 3*
	28. Science, Part 1: Alternate Test 3*

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Placement Tests

Bible Placement Test

Bible Placement Test	Placement Test Bible Level 3	
	Assignments	
	1. You Can Use The Bible	6. The Bible Is The Word Of God
	2. The Life Of Jesus Christ	7. Archaeology And The Bible
	3. O Joseph! What Was God's Plan?	8. God Gave Us The Need For Friends
	4. Living For God	9. God Wants Man To Help Man
	5. God Takes Care Of His People	

Bible Placement Test	Placement Test Bible Level 4	
	Assignments	
	1. How Can I Live For God?	6. How Can I Know God Exists?
	2. God's Knowledge	7. Geography Of The Old Testament
	3. Saul Begins To Live For God	8. God-Given Worth
	4. The Bible And Me	9. Witnessing For Jesus
	5. God Cares For Us	

Bible Placement Test	Placement Test Bible Level 5	
	Assignments	
	1. How Others Lived For God	6. Proving What We Believe
	2. Angels	7. Paul's Missionary Journeys
	3. The Presence Of God	8. God Created Man For Eternity
	4. Bible Methods And Structure	9. Authority And Law
	5. The Christian In The World	

Bible Placement Test	Placement Test Bible Level 6	
	Assignments	
	1. From Creation To Moses	6. The Life Of Jesus
	2. From Joshua To Samuel	7. The Followers Of Jesus
	3. The Kingdom Of Israel	8. The Apostle Paul
	4. The Divided Kingdom	9. Hebrews And General Epistles
	5. Captivity And Restoration	

Bible Placement Test	Placement Test Bible Level 7	
	Assignments	
	1. Worship	6. The Psalms
	2. Mankind	7. Life Of Christ - Part 1
	3. Attributes Of God	8. Life Of Christ - Part 2
	4. Christian Evidences	9. Life Of Christ - Part 3
	5. Living The Balanced Life	

Bible Placement Test	Placement Test Bible Level 8	
	Assignments	
	1. Prayer	6. The Early Churches
	2. Sin And Salvation	7. The Book Of Proverbs
	3. Attributes Of God	8. Choices
	4. Early Church Leaders	9. Understanding The Family
	5. Early Church History	

Bible Placement Test	Placement Test Bible Level 9	
	Assignments	
	1. Introduction To The New Testament	6. The Revelation Of Jesus Christ
	2. The Gospels	7. Biblical Literature
	3. The Acts Of The Apostles	8. How To Share Christ
	4. The Pauline Epistles	9. God's Will For Your Life
	5. The General Epistles	

Bible Placement Test	Placement Test Bible Level 10	
	Assignments	
	1. Creation To Abraham	6. The Kingdom
	2. Abraham Through Joseph	7. The Divided Kingdom
	3. The Exodus And The Wilderness	8. The Remaining Kingdom
	4. Israel In Canaan	9. The Captivity
	5. The Judges And Spiritual Decline	

Bible Placement Test	Placement Test Bible Level 11	
	Assignments	
	1. The Faithfulness Of God	6. The History Of The Canon
	2. Romans Part I	7. Friendship, Dating, And Marriage
	3. Romans Part Ii	8. The Pursuit Of Happiness
	4. The Doctrine Of Jesus Christ	9. Apologetics
	5. The Nation Of Israel	

Bible Placement Test	Placement Test Bible Level 12	
	Assignments	
	1. Knowing Yourself	6. The Epistles Of James And John
	2. Knowing About Christian Ministries	7. Biblical Literature (Daniel)
	3. Choosing A Christian Ministry	8. Comparative Religions
	4. Godhead	9. Wisdom For Today's Youth
	5. Attributes Of God: Holiness, Goodness	

History and Geography Placement

History and Geography Placement Test Level 3	
Assignments	
History Placement Test	1. Geography
	2. New England States
	3. Mid-Atlantic States
	4. Southern-Atlantic States
	5. Southern States
6. Great Lakes States	
7. Midwestern States	
8. Mountain States	
9. Pacific States	

History and Geography Placement Test Level 4	
Assignments	
History Placement Test	1. Our Earth
	2. Seaport Cities
	3. Desert Lands
	4. Grasslands
	5. Tropical Rainforests
6. The Polar Region	
7. Mountain Countries	
8. Living in Island Countries	
9. North America	

History and Geography Placement Test Level 5	
Assignments	
History Placement Test	1. Exploring the New World
	2. Colonial American Life
	3. Thirteen Colonies Became a New Nation
	4. New Lands and Troubled Times
	5. The United States Becomes a World Leader
6. United by Transportation and Communication	
7. The United States - One Nation With Many Regions	
8. Our Southern Neighbors	
9. Canada: Our Northern Neighbors	

History and Geography Placement Test Level 6	
Assignments	
History Placement Test	1. World Geography
	2. The Cradle of Civilization
	3. The Civilizations of Greece and Rome
	4. Life in the Middle Ages
	5. Western Europe
6. Eastern Europe	
7. Africa	
8. Six South American Countries	
9. Seven South American Countries	

History and Geography Placement Test Level 7	
Assignments	
History Placement Test	1. What is History?
	2. What is Geography?
	3. The United States
	4. Anthropology - The Study of Mankind
	5. Sociology - Man in Groups
6. Anthropology and Sociology of the United States	
7. Economics - Resources and Needs	
8. Political Science	
9. Economics and Politics of a State	

History and Geography Placement Test Level 8	
History Placement Test	Assignments
	1. European Backgrounds
	2. The Colonization of America
	3. War for Independence
	4. The Emergence of a Nation
	5. The Westward Movement
6. The Civil War	
7. The Industrial Nation	
8. Twentieth Century World Power	
9. The United States in a Changing World	

History and Geography Placement Test Level 9	
History Placement Test	Assignments
	1. Introduction to Geography
	2. Human Geography
	3. North America
	4. Central America, South America, and the Caribbean
	5. Oceania, Australia, and Antarctica
	6. Western Europe
	7. Eastern Europe and Russia
	8. Sub-Saharan Africa
	9. North Africa and Southwest Asia
	10. Central, South, East, and Southeast Asia

History and Geography Placement Test Level 10	
History Placement Test	Assignments
	1. Ancient Civilizations I
	2. Ancient Civilizations II
	3. The Medieval World
	4. Renaissance and Reformation
	5. Growth of World Empires
	6. The Age of Revolution
	7. The Industrial Revolution
	8. Two World Wars
9. The Contemporary World	

History and Geography Placement Test Level 11	
History Placement Test	Assignments
	1. Foundations of the American Republic
	2. Development of Constitutional Government
	3. National Expansion
	4. A Nation Divided
	5. A Nation Divided and United
	6. United States Involvement at Home and Abroad
	7. The Search for Peace
	8. A Nation at War
9. Contemporary America	

History and Geography Placement Test Level 12	
History Placement Test	Assignments
	1. International Governments
	2. United States Government
	3. The American Party System
	4. History of Governments
	5. The Christian and His Government
	6. Free Enterprise
	7. Business and You
	8. The Stock Market
	9. Budget and Finance
	10. Banking
11. International Issues	

Language Arts Placement Test

Language Arts Placement Test	Language Arts Placement Test Level 3	
	Assignments	
	1. Vowels, Main Idea, Capitalization	7. Following Directions, Suffixes, Pronouns, Friendly Letters
	2. Sentences, Capitalization, ABC Order	8. Reading a Play, Comparing with Adjectives, Root Words
	3. Dictionary Skills, Word Parts, Vocabulary	9. Classifying, References, Thank-You Letters, Predicting Outcomes
	4. Parts of Speech, Irregular Vowels, Comprehension	
	5. Reading to Understand, Commas, Silent Letters	
	6. Cause and Effect, Homographs, Haiku Poetry	

Language Arts Placement Test	Language Arts Placement Test Level 4	
	Assignments	
	1. Reading and Writing	6. Rhymes and Reports
	2. Reading For Meaning	7. Forms of Literature
	3. Word Play	8. Language in Literature
	4. Words in Season	9. Reading and Researching
	5. Reading and Writing Stories	

Language Arts Placement Test	Language Arts Placement Test Level 5	
	Assignments	
	1. Jesus, Our Example	6. Poetry
	2. Working with Information	7. Reading Comprehension
	3. The Story of our Language	8. Working with Words
	4. Effective Communication	9. Reading and Study Skills
	5. Reading and Writing Stories	

Language Arts Placement Test	Language Arts Placement Test Level 6	
	Assignments	
	1. Elements of Grammar	6. Literary Forms
	2. Grammar Usage and Placement	7. Reading for a Purpose
	3. Reading Skills	8. Poetry
	4. Writing Skills	9. Bible Literature
	5. Newspapers and Propaganda	

Language Arts Placement Test	Language Arts Placement Test Level 7	
	Assignments	
	1. Nouns, Pronouns, Affixes, and Using Words Correctly	6. Mechanics and Structure of English
	2. Usage, Speaking and Listening, Verb Tenses	7. The Hiding Place: A Study Guide
	3. Biographies and Grammar (Affixes)	8. Nonfiction and Communication
	4. Structure of Written and Spoken Language	9. Writing and Pronunciation
	5. The English Language	

Language Arts Placement Test Level 8		
Assignments		
Language Arts Placement Test	1. Communication	6. Language and Literature
	2. The English Language	7. Critical Reading and Paragraph Skills
	3. Punctuation and Literature	8. Writing, Listening, and Reading
	4. Words and How to Use Them	9. The English Language
	5. Correct Language Usage	

Language Arts Placement Test Level 9		
Assignments		
Language Arts Placement Test	1. The Structure of Language	6. Persuasion, Visual Aids, and Poetry
	2. Nature of Language	7. Communication
	3. Words and Writing	8. The Library and Drama
	4. Language in Literature	9. Studies in the Novel
	5. Reading With Skill	

Language Arts Placement Test Level 10		
Assignments		
Language Arts Placement Test	1. Language Structure	6. The Short Story
	2. Writing Effective Sentences	7. Studies in the Novel
	3. Writing and Reading Skills	8. Drama
	4. Speaking and Listening	9. Poetry
	5. The Development of English	

Language Arts Placement Test Level 11		
Assignments		
Language Arts Placement Test	1. Varieties of English	6. Nonfiction
	2. Sentence Elements	7. American Drama
	3. Sentence Workshop	8. The American Novel
	4. Meaning and Main Ideas	9. Research
	5. Poetry	

Language Arts Placement Test Level 12		
Assignments		
Language Arts Placement Test	1. The Worth of Words	6. Elizabethan Literature
	2. The Structure of Language	7. Seventeenth/Eighteenth-Century English Literature
	3. Reading and Research	8. Romantic and Victorian Poetry
	4. Language: God's Gift to Man	9. Creative Writing
	5. Medieval English Literature	

Mathematics Placement Test

Mathematics Placement Test	Mathematics Placement Test Level 3	
	Assignments	
	1. Whole Numbers	6. Multiplication, Addition and Subtraction
	2. Number Patterns	7. Operations, Likelihood and Probability
	3. Whole Numbers and Fractions	8. Measurement, Fractions and Decimals
	4. Place Value	9. Review Multiple Concepts
	5. Measurement, Shapes, and Concept Review	

Mathematics Placement Test	Mathematics Placement Test Level 4	
	Assignments	
	1. Number Sense and Place Value	6. Multiplication and Fractions
	2. Rounding and Estimation	7. Fractions and Patterns
	3. Whole Numbers and Fractions	8. Division and Fractions
	4. Lines and Shapes	9. Decimals and Fractions
	5. Division and Measurement	10. Graphing and Review

Mathematics Placement Test	Mathematics Placement Test Level 5	
	Assignments	
	1. Place Value, Addition, and Subtraction	6. Factors and Fractions
	2. Multiplying Whole Numbers and Decimals	7. Fraction Operations
	3. Dividing Whole Numbers and Decimals	8. Data Analysis and Probability
	4. Algebra and Graphing	9. Geometry
	5. Measurement	10. Perimeter, Area, and Volume

Mathematics Placement Test	Mathematics Placement Test Level 6	
	Assignments	
	1. Whole Numbers and Algebra	6. Ratio, Proportion and Percent
	2. Data Analysis	7. Probability and Geometry
	3. Decimals	8. Geometry and Measurement
	4. Fractions	9. Integers and Transformations
	5. Fraction Operations	10. Equations and Functions

Mathematics Placement Test	Mathematics Placement Test Level 7	
	Assignments	
	1. Integers	6. Probability and Graphing
	2. Fractions	7. Data Analysis
	3. Decimals	8. Geometry
	4. Patterns and Equations	9. Measurement and Area
	5. Ratios and Proportions	10. Surface Area and Volume

Mathematics Placement Test Level 8	
Mathematics Placement Test	Assignments
	1. Pre-Algebra: The Real Number System
	2. Pre-Algebra: Integers
	3. Pre-Algebra: Rational Numbers
	4. Pre-Algebra: Proportional Reasoning
	5. Pre-Algebra: Functions
	6. Pre-Algebra: Measurement
	7. Pre-Algebra: Plane Geometry
	8. Pre-Algebra: Solid Figures
	9. Pre-Algebra: Data Analysis
10. Pre-Algebra: Probability	

Mathematics Placement Test Level 9	
Mathematics Placement Test	Assignments
	1. Algebra I: Foundations of Algebra
	2. Algebra I: Linear Equations
	3. Algebra I: Functions
	4. Algebra I: Inequalities
	5. Algebra I: Linear Systems
	6. Algebra I: Polynomials
	7. Algebra I: Exponential and Radical Functions
	8. Algebra I: Quadratics
	9. Algebra I: Rational Expressions
10. Algebra I: Probability and Statistics	

Mathematics Placement Test Level 10	
Mathematics Placement Test	Assignments
	1. Geometry: Introduction
	2. Geometry: Logic
	3. Geometry: Angles and Parallels
	4. Geometry: Congruent Triangles and Quadrilaterals
	5. Geometry: Similar Polygons
	6. Geometry: Circles
	7. Geometry: Area and Volume
	8. Geometry: Coordinate Geometry
	9. Geometry: Transformations

Mathematics Placement Test Level 11	
Mathematics Placement Test	Assignments
	1. Algebra II: Set, Structure, and Function
	2. Algebra II: Numbers, Sentences, and Problems
	3. Algebra II: Linear Equations and Inequalities
	4. Algebra II: Polynomials
	5. Algebra II: Algebraic Fractions
	6. Algebra II: Real Numbers
	7. Algebra II: Quadratic Relations and Systems
	8. Algebra II: Exponential Functions
	9. Algebra II: Counting Principles

Mathematics Placement Test Level 12	
Mathematics Placement Test	Assignments
	1. Precalculus: Relations and Functions
	2. Precalculus: Functions
	3. Precalculus: Trigonometric Functions
	4. Precalculus: Circular Functions and their Graphs
	5. Precalculus: Identities and Functions of Multiple Angles
	6. Precalculus: Application of Trigonometric Functions
	7. Precalculus: Inverse Trigonometric Functions and Polar Coordinates
	8. Precalculus: Quadratic equations
	9. Precalculus: Probability
10. Precalculus: Calculus and Review	

Science Placement Test

Science Placement Test	
Science Placement Test	Assignments
	1. You Grow And Change
	2. Plants
	3. Animals: Growth And Change
	4. You Are What You Eat
	5. Properties Of Matter
	6. Sounds And You
	7. Time And Seasons
	8. Rocks And Their Change
	9. Heat Energy

Science 4 Placement Test	
Science Placement Test	Assignments
	1. Plants
	2. Animals
	3. Man And His Environment
	4. Machines
	5. Electricity And Magnetism
	6. Water And Matter
	7. Weather
	8. Our Solar System And The Universe
	9. The Planet Earth

Science 5 Placement Test	
Science Placement Test	Assignments
	1. Cells
	2. Plants: Life Cycles
	3. Animals: Life Cycles
	4. Balance In Nature
	5. Transformation Of Energy
	6. Records In The Rock: The Flood
	7. Records In The Rock: Fossils
	8. Records In Rock: Geology
	9. Cycles In Nature

Science 6 Placement Test	
Science Placement Test	Assignments
	1. Plant Systems
	2. Animal Systems
	3. Plants And Animal Behavior
	4. Molecular Genetics
	5. Chemical Structure And Change
	6. Light And Sound
	7. Motion And Its Measurement
	8. Spaceship Earth
	9. Astronomy And The Stars

General Science I Placement Test	
Science Placement Test	Assignments
	1. What Is Science?
	2. Perceiving Things
	3. Earth In Space (Part 1)
	4. Earth In Space (Part 2)
	5. The Atmosphere
	6. Weather
	7. Climate
	8. The Human Anatomy (Part 1)
	9. The Human Anatomy (Part 2)

General Science II Placement Test	
Science Placement Test	Assignments
	1. Science And Society
	2. Structure Of Matter (Part 1)
	3. Structure Of Matter (Part 2)
	4. Health And Nutrition
	5. Energy (Part 1)
6. Energy (Part 2)	
7. Machines (Part 1)	
8. Machines (Part 2)	
9. Balance In Nature	

Integrated Physics and Chemistry Placement Test	
Science Placement Test	Assignments
	1. Explorations In Physical Science
	2. The Structure Of Matter
	3. Matter And Change
	4. States Of Matter
	5. Motion And Forces
	6. Work And Energy
	7. Heat Flow
	8. Electricity And Magnetism
	9. Waves
	10. Chemistry And Physics In Our World

Biology Placement Test	
Science Placement Test	Assignments
	1. Taxonomy: Key To Organization
	2. Chemistry Of Life
	3. Cells
	4. Cell Division And Reproduction
	5. Genetics: God's Plan For Inheritance
	6. Microbiology
	7. Plants: Green Factories
	8. Human Anatomy And Physiology
	9. Ecology, Pollution, And Energy
10. Principles And Applications Of Biology	

Chemistry Placement Test	
Science Placement Test	Assignments
	1. Measurement And Analysis
	2. Starting The Investigation: How To Identify Elements, Compounds, And Mixtures
	3. Exploring Laws For Gases And Conservation Of Mass
	4. The Discovery Of Atoms: Nature's Building Blocks
	5. Molecular Structure
	6. Chemical Reactions, Rates, And Equilibrium
	7. Equilibrium Systems
	8. Carbon Chemistry: Hydrocarbons
	9. Carbon Chemistry: Functional Groups
10. Chemistry Review	

Physics Placement Test	
Science Placement Test	Assignments
	1. Kinematics
	2. Dynamics
	3. Work And Energy
	4. Introduction To Waves
	5. Light
	6. Static Electricity
	7. Electric Currents
	8. Magnetism
	9. Atomic And Nuclear Physics
10. Review	

(*) Indicates alternative assignment