

Language Arts

Grammar

- Mechanics
 - Sentence structure
 - Capitalization
 - Punctuation
 - Writing style (syntax, tone, word choice)
- Eight parts of speech and their uses with diagramming
- Kinds of sentences and diagramming
- Improving communication
 - Conciseness and subordination
 - Business emails and memos
- Proofreading
- Presentations

Composition

- Writing process
- The library
- Paragraphs
- Outlining
- Book reviews
- Summaries
- Descriptions
- Research paper (persuasive)
- Writing letters
- Improving writing style
- Crafting a thesis sentence
- Rhetoric
- Dramatizing literature
- Short story
- Formal essays

Vocabulary, Spelling, Poetry

- Vocabulary lessons
- Weekly spelling lessons
- Ten poems memorized

Literature

Classics on the following themes: truth and wisdom, courage, power of words, humility, beauty, love, justice, temperance, joy and peace, perseverance, faith and hope, and time and eternity

Reading for enjoyment stories and poems by such authors as Hale, Tolstoy, O. Henry, Hawthorne, Alcott, á Kempis, Longfellow, Shakespeare, Mark Twain, Langston Hughes, James Weldon Johnson, Alexandre Dumas

Mathematics*

Algebra I

- Real numbers and algebra
- Linear equations in one variable
- Linear equations in two variables

- Linear inequalities
- Systems of equations
- Polynomial arithmetic
- Polynomial factoring
- Radical expressions and equations

- Quadratic equations
- Functions
- Rational expressions and equations
- Probability and statistics

World Geography

- Introduction to geography
- Asia: The Middle East, central and southern Asia, The far east
- Africa: northern Africa, tropical Africa, southern Africa

- Europe: mediterranean Europe, central Europe, the low countries, the British Isles, Scandinavia, Russia and eastern Europe
- Australia, the Pacific Islands, and Antarctica

- North America: Canada, the United States, Mexico and Middle America
- South America: Andean countries, Brazil and the Guianas, southern Countries
- Current events

Physical Science

Matter and motion

- Introduction to physical science
- Measuring matter
- Motion and forces
- Fluid mechanics

Energy and waves

- Energy
- Heat
- Waves and sound
- Light and color

Electricity and magnetism

- Electricity
- Magnetism
- Applying electromagnetism
- Electronics

Chemistry

- Foundations of chemistry
- Molecules and chemistry
- Chemistry in action
- Science v. Evolution

Health

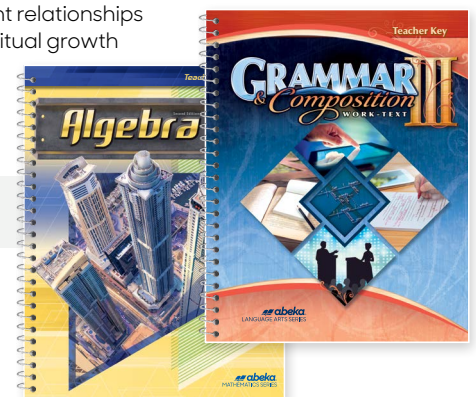
- Nutrition and exercise
- Personal hygiene
- Body systems
- Mental health

- Personal safety
- First aid
- Disease prevention
- Drug abuse

- Right relationships
- Spiritual growth

Bible

Study series: Kings of Israel: United Kingdom, Israel's Divided Kingdom (includes memory verses and hymns)



*Mathematics courses can be taken in a different sequence to meet your scheduling needs.

Language Arts

Grammar

Capitalization and punctuation rules, kinds of sentences and diagramming, eight parts of speech and their uses, diagramming eight parts of speech, sentence structure, dictionary skills, usage and diction

Composition

Paragraphs, the library and research paper, outlining, improving writing style, book reviews, descriptions

Vocabulary, Spelling, Poetry

Vocabulary lessons
Weekly spelling lessons
Ten poems memorized

World Literature

Classics by such authors as Dickens, Browning, Millay, Holmes, Poe, Doyle, Yeats, Tolstoy, Herbert
Introduction to art appreciation
Introduction to literary terms and forms: short story; narrative poetry; plot; imagery and

figurative language; theme; rhyme and rhythm; emotion; fixed form, continuous form, and free verse poetry; paradox; setting; point of view; tone

Major works in historical order
Authors such as Homer, Aesop, Virgil, Foxe, Luther, Milton, Bunyan, Newton, Machen
Complete novel: *Silas Marner*
Complete play: *Julius Caesar*

Mathematics*

Algebra II

Basic algebra
Equations and inequalities
Polynomial equations and inequalities
Functions

Systems of equations and inequalities
Matrices
Exponential and logarithmic functions
Triangles and basic trigonometry

Trigonometry and the cartesian plane
Sequences, series, and counting
Probability
Statistics

World History and Cultures

Asia and Africa: the beginnings of civilization

Foundations
Sumer
Middle East
Other Asian cultures
Egypt
Other African cultures

Europe: beginnings of western civilization

Greece
Rome
Early Church History
The Byzantine Empire

The Middle Ages: From the ancient to the modern

The dark ages
Medieval culture
The rise of modern nations

The Reformation Era

The Protestant Reformation
Post-reformation Europe
Post-reformation science and culture

The age of ideas

France
England and America

The age of industry
The victorian era
Unbelief and revolution in 19th century Europe

The twentieth century

World War I
Rise of Communism
20th-century liberalism
World War II
The Cold War era
The rise of globalism
Current events

Biology

Botany

Flowering seed plants
Structure and function of leaves
Flowers, fruits, and seeds
Stems and roots
Variety in plant world

Human anatomy and physiology

Fearfully and wonderfully made
Bones and muscles
Nervous system
Nutrition and digestion
Circulation and respiration
Integumentary, excretory,

endocrine, and reproductive systems
Disease and the body's immune system

Life sciences

Natural history and scientific investigation
Evolution: a retreat from science
Introduction to ecology

Zoology

Mammals
Birds
Reptiles and amphibians
Fish

Arthropods
Variety in the world of invertebrates

Cellular and molecular Biology

Cytology
Heredity
DNA
Laboratory work: dissections, microscopy, field studies, nutrition, cellular biology, genetics
Laboratory studies

Keyboarding**

Basic key introduction
Special symbols and numbers
Introduction to business documents

Business letters with special features
Letter styles and unbound reports

Professional tables
Document formatting

Bible

Study series: Bible Doctrines (includes memory verses and hymns)

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**Electives can be taken in different grade level sequences based on your scheduling needs. See p. 172.



Language Arts

Grammar

Review of grammar, the sentence, and mechanics
 Dictionary skills
 Diction and usage
 Library skills

Composition

Writing process, paragraphs, book reviews, outline, character sketch and analysis, essays, paraphrases, summary, research paper, exposition, classification, extended definition, letter and résumé

Vocabulary, Spelling, Poetry

Vocabulary lessons
 Weekly spelling lessons
 Nine poems memorized

American Literature

Highlights of American literature
 Short story
 The first books, poets, historians, personal narrators
 Introduction to American art

Writers and works of the nineteenth and twentieth centuries
 Authors such as Melville, Longfellow, Whittier, Dickinson, Sandburg, Frost, Bryant
 Selections from *Moby Dick*, *Ben-Hur*, *Song of Hiawatha*, *Courtship of Miles Standish*
 Complete novel: *The Scarlet Letter*

Mathematics*

Plane Geometry (traditional approach)

Formal arrangement of a proof

Rectilinear figures
 Circle
 Proportions
 Similar polygons

Surface polygons
 Regular polygons and circles
 Solutions of right triangles by means of ratios

U.S. History

Discovery and exploration
 The thirteen original colonies
 Life in colonial America
 Preparation for independence
 Conflict with Great Britain
 The War for Independence
 The Critical Period and the Constitution
 The Federalist Era
 The Age of Jefferson
 The Nationalist Era
 The Age of Jackson

Revival and missions
 Education, technology, and culture
 Expansion to the Pacific
 Slavery and secession
 The Civil War
 Reconstruction
 Age of Industry
 The Gilded Age
 America's expanding influence
 The Progressive Era

World War I
 The Roaring Twenties
 The Great Depression
 World War II
 Domestic policies of the Cold War
 Foreign policies of the Cold War
 American society during the Cold War
 The eve of the new millennium
 America in the new millennium

Chemistry

Chemistry: an introduction
 Matter: the substance of chemistry
 Stoichiometry: elements and compounds
 Stoichiometry: chemical Reactions
 Gases
 Chemical thermodynamics

Light, electrons, and atomic structure
 The periodic table
 The chemical bond and intermolecular forces
 Selected nonmetals and their compounds
 Selected metals and semimetals
 Solutions and colloids

Chemical kinetics
 Chemical equilibrium
 Acids, bases, and salts
 Oxidation-reduction reactions and electrochemistry
 Nuclear chemistry
 Organic chemistry
 Laboratory studies

Spanish 1**

Grammar
 Pronunciation
 Cognates
 Verse Memorization
 Survival Skills
 Country Feature Sections

Vocabulary

Numbers, pronouns, school, home, food, calendar, family, descriptors, transportation, verbs, clothing, hygiene, seasons, creation, technology, farm, body, air travel, sports, areas of study

Application

Conversation, reading, interview, translation, singing, presentation, written exercises

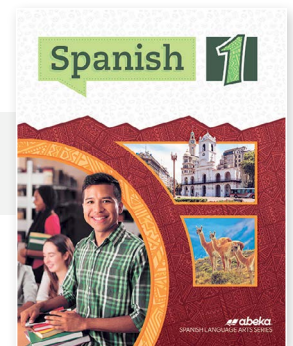
Document Processing**

Employment documents
 MLA Style reports
 The itinerary and agenda

Letter with tables
 Business document production

Bible

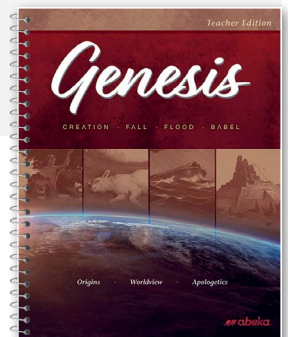
Study series: Life Management, Jesus and His Followers (Gospels) (includes memory verses and hymns)



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<p>Language Arts</p>	<p>Grammar Review of grammar, the sentence, and mechanics Dictionary skills Diction and usage Research skills</p> <p>Composition Paragraph, theme, outline, narrative, poetry, extended definition, essay, description, character sketch, vocation project, book reviews, and extemporaneous writing</p>	<p>Vocabulary, Poetry Vocabulary lessons Ten poems memorized</p> <p>English Literature Writers and works from the following periods: Anglo-Saxon, Medieval, Elizabethan, and Puritan Selections from Beowulf, Canterbury Tales, and Paradise Lost</p>	<p>Writers and works from the Eighteenth Century, Romantic Period, Victorian Age, and Twentieth Century Authors such as Wordsworth, Scott, Coleridge, Burns, Tennyson Condensed novel: Robinson Crusoe (includes conversion experience) Complete play: Macbeth Complete novel: The Pilgrim's Progress</p>
<p>Mathematics*</p>	<p>Precalculus with Trigonometry and Analytical Geometry Trigonometry applied to right triangles Angles on the cartesian plane Trigonometric functions of any angle Graphing the trigonometric functions Trigonometric identities and formulas</p>	<p>Trigonometric equations and inverse trigonometric functions Solving oblique triangles Complex numbers and De Moivre's Theorem Intercepts, symmetry, and domain Point of intersection of graphs Parametric equations Distance, slope, and the straight line</p>	<p>The conic sections Planes and surfaces in three dimensions Polar coordinates Equations representing empirical data The first derivative Acceleration and the second derivative Application of the 1st and 2nd derivative The integral (anti-derivative)</p>
<p>Government</p>	<p>Foundations of the American Republic America: a unique nation Government under God The shaping of the American republic</p>	<p>Our Constitutional Republic The Constitution The Legislative Branch: Congress The Executive Branch: The Presidency and the bureaucracy The Judicial Branch: The Federal Courts The Bill of Rights</p>	<p>Our Federal Republic Federalism State government Local government American citizen in action Current events</p>
<p>Economics</p>	<p>Everybody's economics Economists and economic laws Factors of production Laws of supply and demand Productive market economy</p>	<p>Good that competition does Efficiency of production Why everybody needs to save What money is good for Government and the Economy Successes and difficulties in</p>	<p>the market economy Promise and performance in the market economy A look at the global economy A cheerful view of our economic future</p>
<p>Physics</p>	<p>Introduction to physics Material substances Matter, liquid, gaseous, solid Mechanics Introduction to motion, vectors and projectile motion, forces in nature, concurrent forces, circular and periodic motion,</p>	<p>work and machines, energy and momentum, rotary motion Thermodynamics Heat, laws of thermodynamics Wave phenomena Waves, sound, nature of light, reflection of light, refraction of light, wave optics</p>	<p>Electricity and magnetism Electrostatics, magnetism, current generation, electric circuits, electrical devices Modern physics Advanced physics concepts, theories of relativity laboratory studies</p>
<p>Spanish 2**</p>	<p>Grammar Pronunciation Verse Memorization Country Feature Sections Composition</p>	<p>Vocabulary Medical care, family names, school, home, food, family, descriptors, transportation, verbs, technology, recreation, broadcasting, sports, finance, hardware, books of the Bible</p>	<p>Application Conversation, reading, interview, translation, singing, presentation, written exercises</p>
<p>Bible</p>	<p>Study series: Genesis: Creation, Fall, Flood Babel; Revelation and Church History (includes memory verses and hymns)</p>		



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Spanish 1	Grammar Pronunciation Cognates Verse Memorization Survival Skills Country Feature Sections	Vocabulary Numbers, pronouns, school, home, food, calendar, family, descriptors, transportation, verbs, clothing, hygiene, seasons, creation, technology, farm, body, air travel, sports, areas of study	Application Conversation, reading, interview, translation, singing, presentation, written exercises
Spanish 2	Grammar Pronunciation Verse Memorization Country Feature Sections Composition	Vocabulary Medical care, family names, school, home, food, family, descriptors, transportation, verbs, technology, recreation, broadcasting, sports, finance, hardware, books of the Bible	Application Conversation, reading, interview, translation, singing, presentation, written exercises
Consumer Mathematics	Buying a car, travel, income, Budgeting, housing, food,	Clothing, leisure activities, Federal taxes and records,	Banking investments, The small business
Business Mathematics	Personal finances Bookkeeping and accounting Business formulas	Metric-English conversions Investments Taxes	Banking The small business
Keyboarding	Basic key introduction Special symbols and numbers Introduction to business documents	Business letters with special features Letter styles and unbound reports	Professional tables Document formatting
Document Processing	Employment documents MLA Style reports The itinerary and agenda	Letter with tables Business document production	
Speech	Foundations of Communication The importance of Speech Poise Mechanics Listening	Impromptu Conversations Impromptu Speech Interviews Group Discussions Memorized Conversations Pantomime Monologue and Soliloquy Poetry	Manuscript Conversations Reading with Meaning Declamation Extemporaneous Conversations Storytelling Devotional
Culinary Life Skills	Getting Started Food and Kitchen Safety Basic Equipment and Techniques Healthy Habits Nutrition Consumer Education Serving with Style Table Setting and Meal Service Etiquette and Hospitality	Fresh Foundations Protein and Dairy Meat, Poultry and Fish Produce Flavorful Favorites Adding flavor Mealtime Favorites Accompaniments Grains and Breads Beverages, Appetizers & Desserts	Laboratory Work: Cookies, nutrition, breakfast, vegetables, smoothie, macaroni and cheese, lunch, muffins, yeast bread, supper, cake reception, banana cream pie, dinner party

