

2014

 *A Beka Book*®

Scope & Sequence

Preschool through Grade Twelve

P Preschool

Language Arts	Two-Year-Olds Language development and listening skills that include color words, shapes, animals, transportation, countries, community helpers, health, safety, manners, science	Three-Year-Olds Recognition of name, sound, and picture for short vowels and consonants Formation of vowels and consonants in upper and lower case	Language development and listening skills that include color words, shapes, animals, transportation, countries, community helpers, health, safety, manners, science
Numbers	Simple counting 1–25 Number concepts 1–10	Simple counting 1–30 Number concepts 1–15	
Bible	Hymns/choruses Memory verses	Lessons such as Creation, Noah, Boy Samuel, Daniel, Boyhood of Jesus, Zacchaeus, Good Samaritan	
Music Arts & Crafts	Traditional and fun songs	Colors, shapes, following directions, eye-hand coordination	

K4 Four-Year-Old Kindergarten

Language Arts	Phonics and Reading Recognition of name, sound, and picture of long and short vowels and consonants Sounding of blends and one- and two-vowel words Reading of sentences and stories with one- and two-vowel words	Cursive Writing Formation of letters, blends, and words Writing of first name Poetry Twenty-six poems and finger plays committed to memory	Language Language development and listening skills that include color words, shapes, animals, transportation, countries, community helpers, health, safety, manners, science										
Numbers	Number recognition and counting 1–100 Number concepts 1–20 Numbers before and after 1–20	Numbers largest and smallest 1–20 Addition facts <table style="display: inline-table; vertical-align: middle;"> <tr><td>1 + 1</td><td>5 + 1</td></tr> <tr><td>2 + 1</td><td>6 + 1</td></tr> <tr><td>3 + 1</td><td>7 + 1</td></tr> <tr><td>4 + 1</td><td>8 + 1</td></tr> <tr><td></td><td>9 + 1</td></tr> </table>	1 + 1	5 + 1	2 + 1	6 + 1	3 + 1	7 + 1	4 + 1	8 + 1		9 + 1	
1 + 1	5 + 1												
2 + 1	6 + 1												
3 + 1	7 + 1												
4 + 1	8 + 1												
	9 + 1												
Bible	Lessons such as Creation, Noah, Boy Samuel, Daniel, Boyhood of Jesus, Zacchaeus, Good Samaritan (includes memory verses and hymns/choruses)												
Music Arts & Crafts	Traditional and fun songs	Development of motor skills in drawing, coloring, cutting, and gluing											

K5 Five-Year-Old Kindergarten



Language Arts	Phonics and Reading Recognition of name, sound, and picture of long and short vowels and consonants Sounding of blends, one- and two-vowel words, and words with special sounds Beginning phonics rules and special sounds	Reading of sentences and stories from twelve books containing one- and two-vowel words and special sounds Cursive Writing Letters, blends, words, and sentences Name	Language Recognition of sentences by capital letters and periods Poetry Thirteen poems committed to memory
Numbers	Number recognition, counting, and writing 1–100 Number concepts 1–100 Numbers before and after 1–100 Numbers largest and smallest 1–100 Counting and writing by tens to 100 Counting and writing by fives to 100	Counting and writing by twos to 100 Number sequences by ones Using number words 1–10 and first–tenth Value of coins and dollar bill Telling time Using the calendar Days of the week Addition facts through 10	One-step story problems in addition Beginning subtraction Sequencing Same/different Basic geometric shapes Fractions—one half, one fourth Arithmetic symbols—plus, minus, equals
Science	<i>Plants</i> God’s Plan for Seeds <i>Animals</i> God’s Plan for Animals God’s Plan for the Seashore	<i>Health and Human Biology</i> God’s Plan for Me	<i>Earth and Space</i> God’s Plan for Weather God’s Plan for Seasons
Social Studies	Community Helpers	Children of the World America: Our Great Country (map studies, famous Americans and places)	
Bible	Hymns/choruses Memory verses	Bible doctrine Lessons such as Salvation Series, Genesis, Life of Christ	
Music Arts & Crafts	Traditional, patriotic, fun songs	Basic art concepts and further development of coordination/motor skills	

1 First Grade

Language Arts

Phonics and Reading

Review of vowels, consonants, blends, one- and two-vowel words, consonant blends
 Recognition and use of all phonics special sounds in reading
 Spelling rules: doubling consonants, dropping silent *e*, changing *y* to *i*
 Oral reading

Cursive Writing

Review of letter formation
 Daily seatwork practice in all academic areas

Spelling and Poetry

Weekly phonics-based word list
 Weekly test with phonics
 Reinforcement activities
 Eight poems committed to memory

Language

Capitalization of first word in a sentence, proper names, days of the week, and months of the year
 Correct punctuation at the ends of sentences
 Recognition of complete sentences

Words using suffixes, prefixes, syllables, compound words, rhyming words, opposite words, same meaning words, and contractions
 Alphabetizing of words
 Writing complete sentences and short stories
 Creative writing

History and Geography

This Is My America

My America's Flag
 My America's Freedoms
 Symbols of My America
 Great People of America

My America Grows

My America Talks
 My America Travels
 My America Is Beautiful
 My America Sings

This Is My World

Mexico, Peru, Virgin Islands, Puerto Rico, Bahamas, England, the Netherlands, Norway, France, Germany, Switzerland, Italy, Israel, Egypt, Kenya, India, China, Australia, Guam, American Samoa

Science

Health and Human Biology

Discovering Myself
Energy
 Discovering My Toys

Animals

Discovering Animals
 Discovering Insects

Plants

Discovering Plants

Seasons

Discovering Seasons

Health, Safety, Manners

Health

Eating good foods
 Exercising
 Rest
 Posture
 Care of body, clothes, home

Safety

At home and away from home
 On streets, playgrounds, water

Manners

At home, school, church, public

Arithmetic

Number recognition, counting, and writing 1–1,000
 Greatest and least
 Counting and writing by tens, fives, twos, and threes
 Number sequences
 Ordinal numbers
 Addition facts through 13 and three-digit addition with carrying

Subtraction facts through 13 and two-digit subtraction
 Story problems
 Numbers before and after by ones, twos, tens
 Between numbers
 Counting and combining coins
 Telling time to the nearest five minutes
 Recognizing odd and even numbers
 English and some metric measures

Place value in ones, tens, and hundreds
 Unit fractions
 Reading a thermometer
 Using a ruler
 Multiple combinations
 Concept of multiplication
 Calendars
 Reading pictographs and bar graphs
 Developing listening skills
 Roman numerals

Bible

Lessons such as Salvation Series, Genesis, Life of Christ, Paul (includes memory verses, hymns/choruses, and Bible doctrine)

Music Arts & Crafts

Traditional, patriotic, fun songs

Development of art techniques in multiple types of media

2 Second Grade



Language Arts	<p>Phonics and Reading Review of vowels, consonants, blends, one- and two-vowel words, consonant blends Recognition and use of all phonics special sounds in reading Spelling rules: doubling consonants, dropping silent <i>e</i>, changing <i>y</i> to <i>i</i> Oral reading</p> <p>Cursive Writing Review of letter formation Guided creative writing Creative writing journal Daily seatwork practice in all academic areas</p>	<p>Spelling and Poetry Weekly phonics-based word list Vocabulary words and definitions second semester Weekly test Reinforcement activities Spelling glossary Seven poems committed to memory</p> <p>Language Capitalization of first word in a sentence, days of the week, months of the year, special holidays, people, and places Correct punctuation at the ends of sentences</p>	<p>Complete sentences, questions, and exclamations Words using suffixes, prefixes, abbreviations, compound words, rhyming words, opposite words, same-meaning words, singular and plural words, singular possessive words, and contractions Alphabetizing words and other dictionary skills Word usage rules Writing of complete sentences, questions, exclamations, and short stories Writing letters and thank-you notes Creative writing</p>
History and Geography	<p><i>America, Our Home</i> Our Flag Our Patriotic Holidays Our Songs</p>	<p><i>The People Who Built America</i> The Separatists America's Indians The Colonists America's Pioneers America's Cowboys The New Americans</p>	<p><i>Tomorrow's America</i></p>
Science	<p><i>Plants</i> Enjoying the Plant World <i>Animals</i> Enjoying the Animal World <i>Health and Human Biology</i> Enjoying Myself and Others</p>	<p><i>Earth and Space</i> Enjoying our Earth and Sky <i>Matter</i> Enjoying the Air Around Us</p>	<p><i>Energy</i> Enjoying the Air Around Us Enjoying Things That Move <i>Conservation</i> Enjoying Things That Work Together</p>
Health, Safety, Manners	<p><i>Health</i> Posture Nutrition Exercise Rest Cleanliness Diseases</p>	<p><i>Safety</i> At home and away from home On streets Around water During bad weather</p>	<p><i>Manners</i> Politeness Kindness Cheerfulness Respect Thoughtfulness Thankfulness Patience Table and telephone manners</p>
Arithmetic	<p>Number recognition, counting, and writing 1–10,000 and beyond Numbers greatest and least 1–1,000 Counting and writing to hundred thousands, threes to 36, fours to 48 Ordinal numbers Addition facts through 18, column addition, four-digit addition with carrying Subtraction facts through 18, four-digit subtraction with borrowing</p>	<p>Multiplication facts 0–5 Division facts 1–5 Story problems Multiple combinations Estimation Rounding Numbers before and after by ones, twos, threes, fours, fives, and tens Counting and combining coins and bills Telling time to the nearest minute English and some metric measures</p>	<p>Drawing and measuring lines to one-half inch Developing listening skills Calendars Place value to thousands Unit fractions Making change Reading a thermometer Reading pictographs, bar graphs, and line graphs Roman numerals</p>
Bible	<p>Lessons such as Salvation Series, Life of Moses, Tabernacle, Joshua, Judges, Ruth, Jonah (includes memory verses, hymns/choruses, and Bible doctrine)</p>		
Music Arts & Crafts	<p>Traditional, patriotic, fun songs</p>	<p>Development of art techniques in multiple types of media</p>	

3 Third Grade

Language Arts

Phonics and Reading

Review of all phonics rules
Oral reading
Reading comprehension

Cursive Writing

Cursive writing formation
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Creative writing

Spelling and Poetry

Weekly word list with vocabulary
Sentence dictation using spelling words
Reinforcement activities
Eight poems committed to memory

Language

Writing Process
Complete sentences
Creative writing, friendly letters

Grammar

Punctuation and capitalization rules
Recognition of simple nouns, subjects, verbs, adjectives
Word usage
Forming plurals and common contractions
Recognition of antonyms, homonyms, synonyms
Dictionary skills

History and Geography

Continents and oceans of the world
Study of world geography
States of the United States
Study of our American heritage through the lives of great people
Columbus
John Smith
Pocahontas
Miles Standish

Squanto
William Penn
Ben Franklin
George Washington
Thomas Jefferson
Daniel Boone
Noah Webster
John Greenleaf Whittier
Robert E. Lee
Abraham Lincoln

Clara Barton
U. S. Grant
Louisa May Alcott
Booker T. Washington
George Washington Carver
Laura Ingalls Wilder
Billy Sunday
Martin Luther King, Jr.

Science

Plants
Exploring the Plant World
Animals
Exploring the World of Vertebrates
Exploring the World of Invertebrates

Health and Human Biology
Wonderfully Made
Earth and Space
Exploring the Ocean
Exploring the Weather

Conservation
Exploring the Desert, the Ocean, the Pond, the Forest, the Farmer's Field

Health, Safety, Manners

Health
Posture, Exercise
Nutrition, Diet
Cleanliness
Fighting disease

Safety
Fire, Water safety
Home, Play safety
Street safety
First aid

Manners
Hospitality
Proper introductions
Telephone manners
Courtesy and respect

Arithmetic

Recognition of the place value of numbers
Addition facts and checking addition problems with carrying
Subtraction facts and checking subtraction problems with borrowing
Multiplication tables 0–12 and multiplication problems with carrying
How to show a multiplication fact six ways

Division tables 1–12 and working and checking a division problem
Terminology for four processes
English and metric measures
Telling time
Roman numerals 1–1,000
Using a ruler
Solving story problems with up to four steps
Recognizing and solving number sentences
Converting measures and solving measurement equations

Recognizing and working with greater than (>) and less than (<)
Counting money and solving money problems using the decimal point correctly
Solving problems containing parentheses
Fraction terminology and basic understanding of fractions
Averaging numbers
Reading a thermometer
Recognizing geometric shapes
Finding the unknown number in an equation

Bible

Lessons such as Salvation Series, Parables, Samuel, David, Elijah, Elisha, Daniel, Ezra / Nehemiah, Esther (includes memory verses, hymns/choruses, and Bible doctrine)

Music Arts & Crafts

Music Theory/Flutophone
Traditional, patriotic, fun songs

Development of art techniques in multiple types of media

4 Fourth Grade



Language Arts

Reading and Literature

Oral reading
Reading comprehension
Speed reading
Vocabulary building

Penmanship

Review of cursive writing formation through skill practice, word games, original composition, and sentence dictation

Spelling, Vocabulary, and Poetry

Weekly word lists with challenging words and vocabulary
Reinforcement activities
Six poems committed to memory

Language

Writing Process

Letters— friendly, post cards, thank-you notes
Gathering information
Writing with details
Writing an encyclopedia report
Writing book reports
Creative writing
Dictionary skills

Grammar

Sentence structure, Kinds of sentences, Punctuation, Capitalization facts, Abbreviations, Possessive words
Recognizing and using all eight parts of speech
Diagraming verbs, nouns, pronouns, adjectives, adverbs
Correctly using troublesome words

History and Geography

Map study
State history for six weeks
Eight documents memorized
The Years of Discovery
The Years of Exploration
The First Americans
The English Come to America
The New England Colonies

The Middle and Southern Colonies
A Picture of Colonial Life
The Great Awakening
The French and Indian War
The American War for Independence
Building a New Nation
Our Nation Grows

The Civil War
New Frontiers
An Age of Progress
Beyond Our Boundaries
The World Wars
Time for Freedom and Responsibility

Science

Plants

Plants: Provision for Man and Beast

Animals

Insects: Miniature Marvels of Creation
Birds: Winged Wonders

Matter

Matter: Water, Air, and Weather

Energy

Energy: Sound and Hearing

Earth and Space

Geology: Planet Earth
Oceanography: Wonders of the Sea
Astronomy: Consider the Heavens

Health

Physical Fitness

Your Body Framework
The Muscle Builder
Your Breathing Machine

Personal Hygiene

A Winning Smile
Your Body's Cover
Keys to Good Grooming

Interpersonal Relationships

A Healthier You

Arithmetic

Place value of whole numbers and decimals
Mastery of fundamental operations
Story problems
Estimating answers
English and metric measures
Converting measures within the same system and solving measurement equations

Roman numerals
Addition, subtraction, and multiplication involving fractions
Estimation
Averaging
Factoring
Divisibility rules
Introduction to decimals
Making change
Reading a thermometer

Solving equations using addition and subtraction axioms
Graphs and scale drawing
Basic geometric shapes
Perimeter and area
Using an English and metric ruler
Time lapse

Bible

Lessons such as Salvation Series, Genesis, Life of Christ, Paul (includes memory verses, hymns/choruses, and Bible doctrine)

Music Arts & Crafts

Music Theory/Flutophone
Traditional, patriotic, fun songs

Basic drawing and painting techniques, color concepts, and perspective

5 Fifth Grade

Language Arts	<p>Reading and Literature Oral reading Reading comprehension Speed reading Vocabulary building</p> <p>Penmanship Review of cursive writing formation through skill practice, word exercises, original composition, and sentence dictation</p>	<p>Spelling, Vocabulary, and Poetry Weekly word lists on various categories and vocabulary study Six poems committed to memory</p> <p>Language <i>Writing Process</i> Sentences and sentence parts Synonyms, antonyms, homonyms Dictionary, thesaurus skills Letters—friendly, post cards, thank-you notes</p>	<p>Making an outline Writing a library research paper Writing book reports Creative writing</p> <p><i>Grammar</i> Punctuation, capitalization, and quotation facts Recognizing and diagraming all eight parts of speech Recognizing and diagraming complements Word usage</p>
History and Geography	<p>Eight documents reviewed Geography facts: terms, rivers, capitals, mountains, climate, deserts Introduction to History and Geography Fertile Crescent: Cradle of Civilization Ancient Middle East</p>	<p>Middle East Today Countries of Central and Southern Asia Countries of the Far East Egypt: The Gift of the Nile Africa Long Ago Africa in Modern Times Ancient Greece: Home of Beauty</p>	<p>Rome: Ruler of the Ancient World Christianity: The Greatest Force in History England and the British Isles Other Countries of Western Europe Countries of Eastern Europe “Land Down Under” and Beyond</p>
Science	<p><i>Animals</i> Amazing Mammals A Variety of Vertebrates</p> <p><i>Energy</i> Force and motion Electricity and magnetism</p>	<p>Engines: steam, internal combustion, jet propulsion, rocket engines Light <i>Matter</i> Water, Air, Weather</p>	<p><i>Earth and Space</i> Geology: Treasures of the Earth Oceanography: The Living Sea Astronomy: The Eight Planets, Stars, Moon, Sun Conservation: Preserving the Sea</p>
Health	<p><i>Circulatory System</i> Life in the Blood Your Hardy Heart Pathways through Your Body</p> <p><i>Nutrition and Physical Fitness</i> A Balanced Diet Daily Food Guide Maintaining Your Proper Weight</p>	<p>Raising Your Rate of Metabolism Aerobic Endurance Muscular Strength and Flexibility</p> <p><i>Digestive System</i> Digestion Begins in the Mouth Through the Esophagus, Stomach, Small Intestine, Liver, Pancreas Absorbing Digested Foods</p>	<p><i>Interpersonal Relationships</i> Social Acceptance, Mental Awareness, Spiritual Warfare</p>
Arithmetic	<p>Place value of whole numbers and decimals Mastery of fundamental operations Story problems Problem-solving strategies Roman numerals Measuring to the eighth inch Calculating time Making change Rounding off whole numbers, money, decimals, and mixed numbers English and metric measures</p>	<p>Converting measures within the same system and solving measurement equations Addition, subtraction, multiplication, and division involving fractions Finding parts of a whole Factoring Divisibility rules Probability Addition, subtraction, multiplication, and division involving decimals Introduction to percents</p>	<p>Reading a thermometer Negative temperature Converting from a Celsius scale to a Fahrenheit scale and from a Fahrenheit scale to a Celsius scale Solving algebraic equations Graphs and scale drawings Graphing ordered pairs Reading schedules and charts Basic geometric shapes Perimeter and area Squares and square roots Estimation</p>
Bible	<p>Lessons such as Salvation Series, Life of Moses, Tabernacle, Joshua, Judges, Ruth, Jonah, Samuel, David (includes memory verses, hymns/choruses, and Bible doctrine)</p>		
Music Arts & Crafts	<p>Traditional, patriotic, fun songs</p>	<p>Basic drawing and painting techniques, color concepts, and perspective</p>	



Language Arts	<p>Reading and Literature Oral reading Reading comprehension Speed reading Vocabulary building</p> <p>Penmanship Review of cursive writing formation Practice penmanship through creative writing and word exercises</p>	<p>Spelling, Vocabulary, and Poetry Weekly word lists by prefixes, suffixes, and root words Vocabulary study from the word lists Eight poems committed to memory</p> <p>Language Writing Process Writing paragraphs, poetry, outlines, library research paper, narration, journal, book reports, letters, creative writing</p>	<p>Sentences and sentence parts Fragments, run-ons Library skills Student Writers' Handbook</p> <p>Grammar Punctuation and capitalization rules Recognizing, diagraming, using all eight parts of speech Word usage</p>
History and Geography	<p>Advanced map studies Geography facts, including the 50 states Eight documents reviewed</p>	<p>North America: Canada, United States, Mexico and Central America South America: Continent of Natural Resources, Nations of South America</p>	<p>United States History: The Colonial Heritage, New World's First Republic, U.S. in the Twentieth Century</p>
Science	<p><i>Plants</i> Plentiful Plants</p> <p><i>Animals</i> Observing Invertebrates</p>	<p><i>Earth and Space</i> Our Fascinating Earth God's Great Universe Exploring Space</p>	<p><i>Chemistry</i> Matter and Chemistry (atoms, elements, and compounds)</p>
Health	<p><i>Safety and First Aid</i> Safety First First Steps of First Aid</p>	<p><i>Growth and Fitness</i> Your Changing Body An Active Lifestyle</p> <p><i>Anatomy</i> Endocrine System Respiratory System Muscular System Skeletal System</p>	<p><i>A Healthy Mind and Body</i> Your Body's Defenses Lymphatic System Your Communication System Nervous System Skin Drugs—Use and Abuse A Healthy Spirit</p>
Arithmetic	<p>Place value of whole numbers and decimals Maintaining skills in fundamental operations Story problems/Problem-solving strategies Roman numerals Rounding off English and metric measures Converting measures within the same system and solving measurement equations</p>	<p>Adding, subtracting, and multiplying measures Prime factoring Fundamental operations involving fractions and decimals Estimation Ratios and proportion Percent Probability Graphs and scale drawing/ Introduction to statistics Basic geometric shapes</p>	<p>Perimeter, area, and circumference Bisecting angles Reading thermometers Converting Celsius to Fahrenheit and Fahrenheit to Celsius Equation solving/Introduction to basic algebra Latitude, longitude, and time zones Banking, finding interest, and installment buying Reading electric and gas meters</p>
Bible	<p>Lessons such as Salvation Series, Life of Christ, Parables, Elijah, Elisha, Daniel, Esther, Ezra /Nehemiah (includes memory verses, hymns/choruses, and Bible doctrine)</p>		
Music Arts & Crafts	<p>Traditional, patriotic, fun songs</p> <p>Further development of perspective, introduction to composition, study of accomplished artists</p>		

7 Seventh Grade

Language Arts

Grammar

Capitalization rules
Punctuation rules
Kinds of sentences and diagraming
Eight parts of speech and their uses
Diagraming eight parts of speech
Sentence structure

Composition

The writing process
Outlining
The library
Summaries
Book reports
Research paper
Writing style
Letter writing

Vocabulary, Spelling, Poetry

Vocabulary lessons
Weekly spelling lessons
Eight poems memorized

Literature

Reading for enjoyment stories and poems by such authors as Frost, Dickinson, Kipling, Bunyan, Alcott, Luther, Dickens, Defoe

History and Geography

The Beginning
From Sumer to Canaan
Down to Egypt
Israel and Its Land
According to His Will
Greece: A Drama in Two Acts
Rome before Christ
Rome after Christ
Early Church History
Islam versus Christendom

From Empire to Feudalism
An Age of Darkness
The Protestant Reformation
Post-Reformation Europe
The English Nation
An Age of Exploration
The United States
France in the Modern Age
Science & Industry in the Modern Age

The New World of Classics
The British Empire
World War I and the Rise of Communism
Before and During World War II
The Cold War Era
Dawning of a New Millennium
Toward Globalism
Eastern Hemisphere Geography
Parliamentary Procedure
Current events

Science and Health

Invitation to Science
Plants: Provision for Life
Your Wonderful Body
A Healthy Life

Creation and Science
The Science of Classification
Mammals
Birds
Fish, Reptiles, and Amphibians

Insects and Other Arthropods
Forestry: Generous Giants
Ecology: Harmony in God's Creation

Sex Education from the Bible

Morality
Dating and marriage
Sins such as adultery, fornication, and homosexuality

Mathematics

Maintaining skills in fundamental operations (see grades 4–6)
Fractions and decimals
Factoring
Problem-solving strategies
Factorial
Ratio and proportion
Application of percent

Personal finances
Metric system
Probability
Basic geometric concepts
Development and use of formulas
Reading and constructing graphs
Introduction to statistics
Introduction to algebra

Negative numbers
Powers and roots
Time zones, latitude, and longitude
Introduction to plane and solid geometry
Pythagorean rule
Sine, cosine, tangent

Bible

Lessons/Map Journeys: Exodus, Life of Christ (includes memory verses and hymns)

8 Eighth Grade



Language Arts

Grammar

Capitalization rules
Punctuation rules
Kinds of sentences and diagraming
Eight parts of speech and their uses
Diagraming eight parts of speech
Sentence structure

Composition

Manuscript form
The writing process
The library
Outlining
Summaries
Book reports
Paragraphs
Descriptions
Research paper
Writing style

Vocabulary, Spelling, Poetry

Vocabulary lessons
Weekly spelling lessons
Nine poems memorized

Literature

Reading for enjoyment stories and poems by such authors as Stuart, Whittier, Longfellow, Frost, Hawthorne, Sandburg

History

A New World to Explore
The First English Colonies
New Colonies
Life in Colonial America
Preparation for Independence
Home of the Brave
Land of the Free
From the Appalachians to the Rockies
The Jacksonian Era
The Blessings of Technology

The Second Great Awakening and Its Impact
Education and Culture
The Promise of the West
The Civil War and Reconstruction
The Age of Industry
The Gilded Age
Growing into Greatness
Into the Twentieth Century
The Rise of Big Government

A World at War
Time for Freedom and Responsibility
Troubled Times for America
Which Way, America?
A New Millennium
Western Hemisphere Geography
Current events
National, State, and Local Government

Science

Introduction to Science
Foundations of Geology
Minerals and Rocks

Weathering and Erosion
Interpreting the Fossil Record
A Survey of the Seas

The Atmosphere
Weather: Water Vapor and Air Masses
Weather: Storms and Forecasting
Consider the Heavens
Man and the Universe
Environmental Science

Sex Education from the Bible

Morality
Dating and marriage
Sins such as adultery, fornication, and homosexuality

Mathematics

Pre-Algebra

Maintaining skills in fundamental operations (see grades 4–7)
Principles of mathematics
English and metric measures
Basic algebraic concepts
Signed numbers
Powers and roots
Like and unlike terms
Multiplying and dividing monomials

Multiplying and dividing polynomials by monomials
Multiplying polynomials by polynomials
Problem-solving strategies
Word problems solved algebraically
Reading and constructing graphs
Graphical scale drawings
Statistics and probability
Business math
Earning income

Banking
Stocks and bonds
Insurance
Basic plane and solid geometric concepts
Properties of geometric figures
Constructing geometric figures
Perimeter, area, surface area, and volume
Pythagorean rule
Sine, cosine, and tangent
Scientific notation

Bible

Lessons/ Map Journeys: Journeys of Paul, Joshua, Judges (includes memory verses and hymns)

9 Ninth Grade

Language Arts

Grammar

Capitalization rules
Punctuation rules
Kinds of sentences and diagraming
Eight parts of speech and their uses
Diagraming eight parts of speech
Sentence structure

Composition

Manuscript form
Writing process
The library
Paragraphs

Outlining

Book reports
Summaries
Descriptions
Research paper
Writing letters
Improving writing style

Vocabulary, Spelling, Poetry

Vocabulary lessons
Weekly spelling lessons
Ten poems memorized

Literature

Classics on the following themes: truth and wisdom, courage, humility, justice, temperance, beauty, joy and peace, faith and hope, love, and time and eternity
Reading for enjoyment stories and poems by such authors as Hale, Tolstoy, O. Henry, Hawthorne, Alcott, à Kempis, Longfellow, Shakespeare

Geography

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

Science

Introduction to Physical Science

Matter and Energy
Measuring Matter
States of Matter
Energy
Heat

Chemistry

Foundations of Chemistry
Molecules and Chemistry
Chemistry in Action
Science vs. Evolution

Motion and Waves

Motion and Forces
Waves and Sound
Light and Color

Electricity and Magnetism

Electrostatics
Magnetism
Electricity
Electronics

Health

Nutrition and exercise
Personal hygiene
Body systems
Mental health

Personal safety
First aid
Disease prevention

Drug abuse
Right relationships
Spiritual growth

Mathematics

Algebra I (traditional approach)

Linear equations in one variable
Algebraic numbers
Graphs
Formulas

Positive and negative numbers
Fundamental operations
Special products and factoring
Fractions
Ratio, proportion, and variation

Linear systems of equations
Powers and roots
Exponents and radicals
Quadratic equations
Numerical trigonometry

Bible

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



Language Arts	<p>Grammar Capitalization and punctuation rules, kinds of sentences and diagraming, eight parts of speech and their uses, diagraming eight parts of speech, sentence structure, dictionary skills, usage and diction</p> <p>Composition Paragraphs, the library and research paper, outlining, improving writing style, book reviews, descriptions</p>	<p>Vocabulary, Spelling, Poetry Vocabulary lessons Weekly spelling lessons Ten poems memorized</p> <p>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</p>	<p>figurative language; theme; rhyme and rhythm; emotion; fixed form, continuous form, and free verse poetry; paradox; setting; point of view; tone</p> <p>Major works in historical order Authors such as Homer, Aesop, Virgil, Foxe, Luther, Milton, Bunyan, Newton, Machen Complete novel: <i>Silas Marner</i> Complete play: <i>Julius Caesar</i></p>
World History and Cultures	<p><i>Asia and Africa: The Beginnings of Civilization</i> Foundations Sumer Middle East Other Asian Cultures Egypt Other African Cultures</p> <p><i>Europe: Beginnings of Western Civilization</i> Greece Rome Early Church History The Byzantine Empire</p>	<p><i>The Middle Ages: From the Ancient to the Modern</i> The Dark Ages Medieval Culture The Rise of Modern Nations</p> <p><i>The Reformation Era</i> The Protestant Reformation Post-Reformation Europe Post-Reformation Science and Culture</p> <p><i>The Age of Ideas</i> France England and America The Age of Industry</p>	<p>The Victorian Era Unbelief and Revolution in 19th Century Europe</p> <p><i>The Twentieth Century</i> World War I Rise of Communism 20th-Century Liberalism World War II The Cold War Era The Rise of Globalism Current events</p>
Biology	<p><i>Botany</i> Flowering Seed Plants Structure and Function of Leaves Flowers, Fruits, and Seeds Stems and Roots Variety in Plant World</p> <p><i>Human Anatomy and Physiology</i> Fearfully and Wonderfully Made Bones and Muscles Nervous System Nutrition and Digestion Circulation and Respiration</p>	<p>Integumentary, Excretory, and Endocrine Systems Disease and the Body's Immune System</p> <p><i>Life Sciences</i> Natural History and Scientific Investigation Evolution: A Retreat from Science Introduction to Ecology</p> <p><i>Zoology</i> Mammals Birds</p>	<p>Reptiles and Amphibians Fish Arthropods Variety in the World of Invertebrates</p> <p><i>Cellular and Molecular Biology</i> Cytology Heredity DNA Laboratory work: dissections, microscopy, field studies, nutrition, cellular biology, genetics Laboratory Studies</p>
Mathematics	<p>Algebra II (traditional approach) Factoring Fractions Linear equations in one variable Coordinate geometry Variation and dependence</p>	<p>Functions Systems of equations Powers and roots Exponents, radicals, and imaginary numbers Quadratic and higher equations</p>	<p>Logarithmic functions, exponential functions, and graphing rational functions Numerical trigonometry Statistics and probability</p>
Consumer Mathematics	<p>Buying a Car, Travel, Income, Budgeting, Housing, Food,</p>	<p>Clothing, Leisure Activities, Federal Taxes and Records,</p>	<p>Banking Investments, The Small Business</p>
Keyboarding	<p>Basic Key Introduction Special Symbols and Numbers Introduction to Business Documents</p>	<p>Business Letters with Special Features Letter Styles and Unbound Reports</p>	<p>Professional Tables Document Formatting</p>
Bible	<p>Study series: Bible Doctrines (includes memory verses and hymns)</p>		

11 Eleventh Grade

Language Arts	<p>Grammar Review of grammar, the sentence, and mechanics Dictionary skills Diction and usage Library skills</p> <p>Composition Writing process, paragraphs, book reviews, outline, character sketch and analysis, essays, paraphrases, summary, research paper, exposition, classification, extended definition, letter and résumé</p>	<p>Vocabulary, Spelling, Poetry Vocabulary lessons Weekly spelling lessons Nine poems memorized</p> <p>American Literature Highlights of American literature Short story The first books, poets, historians, personal narrators Introduction to American art Writers and works of the nine-</p>	<p>teenth and twentieth centuries Authors such as Melville, Longfellow, Whittier, Dickinson, Sandburg, Frost, Bryant Selections from <i>Moby Dick</i>, <i>Ben-Hur</i>, <i>Song of Hiawatha</i>, <i>Courtship of Miles Standish</i> Complete novel: <i>The Scarlet Letter</i></p>
U.S. History	<p>Discovery and Exploration The Thirteen Original Colonies Life in Colonial America Preparation for Independence Conflict with England The War for Independence The Critical Period and the Constitution The Federalist Era The Age of Jefferson The Nationalist Era The Age of Jackson</p>	<p>Revival and Missions Education and Technology Expansion to the Pacific Slavery and Secession The Civil War Reconstruction A Nation on the Move The Triumph of Free Enterprise Life in the Gilded Age Politics in the Age of Industry Expanding World Influence</p>	<p>The Progressive Era World War I The Twenties Depression and the New Deal World War II Years of Strength and Stability Troubled Times The Reagan Era and the 1990s America Enters the New Millennium 2000–Present Current events</p>
Chemistry	<p>Chemistry: An Introduction Matter: The Substance of Chemistry Stoichiometry: Elements and Compounds Stoichiometry: Chemical Reactions Gases Chemical Thermodynamics Light, Electrons, and Atomic Structure</p>	<p>The Periodic Table The Chemical Bond and Intermolecular Forces Selected Nonmetals and Their Compounds Selected Metals and Semimetals Solutions and Colloids Chemical Kinetics</p>	<p>Chemical Equilibrium Acids, Bases, and Salts Oxidation-Reduction Reactions and Electrochemistry Nuclear Chemistry Organic Chemistry Laboratory studies</p>
Mathematics	<p>Plane Geometry (traditional approach) Formal arrangement of a proof Rectilinear figures</p>	<p>Circle Proportions Similar polygons Surface polygons</p>	<p>Regular polygons and circles Solutions of right triangles by means of ratios</p>
Business Mathematics	<p>Personal finances Bookkeeping and accounting Business formulas</p>	<p>Metric-English conversions Investments Taxes</p>	<p>Banking The small business</p>
Document Processing	<p>Employment Documents MLA Style Reports</p>	<p>The Itinerary and Agenda Letter with Tables</p>	<p>Business Document Production</p>
Spanish 1 or French 1	<p>Pronunciation Word formation Verse memorization as a witnessing tool Grammar</p>	<p>Vocabulary School, Clothes, Family, Home, Food, Creation, Vacation</p>	<p>Application Conversation, Reading, Interview, Report, Letter, Oral translation</p>
Bible	<p>Study series: Life Management, Jesus and His Followers (Gospels) (includes memory verses and hymns)</p>		

12 Twelfth Grade




<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,</p>	<p>vocation project, book reviews, and extemporaneous writing</p> <p>Vocabulary Vocabulary lessons</p> <p>English Literature Writers and works from the following periods: Anglo-Saxon, Medieval, Elizabethan, and Puritan Selections from <i>Beowulf</i>, <i>Canterbury Tales</i>, and <i>Paradise Lost</i></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: <i>Macbeth</i> Complete novel: <i>The Pilgrim's Progress</i> Ten poems memorized</p>
<p>Government</p>	<p><i>Foundations of the American Republic</i> America: A Unique Nation Government under God The Shaping of the American Republic <i>Our Constitutional Republic</i> The Constitution</p>	<p>The Legislative Branch: Congress The Executive Branch: The Presidency and the Bureaucracy The Judicial Branch: The Federal Courts The Bill of Rights</p>	<p><i>Our Federal Republic</i> 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 Good That Competition Does</p>	<p>Efficiency of Production Why Everybody Needs to Save What Money Is Good For Government and the Economy Successes and Difficulties in the Market Economy</p>	<p>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><i>Introduction to Physics</i> <i>Material Substances</i> Matter, Liquid, Gaseous, Solid <i>Mechanics</i> 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 <i>Thermodynamics</i> Heat, Laws of Thermodynamics <i>Wave Phenomena</i> Waves, Sound, Nature of Light, Reflection of Light, Refraction of Light, Wave Optics</p>	<p><i>Electricity and Magnetism</i> Electrostatics, Magnetism, Current Generation, Electric Circuits, Electrical Devices <i>Modern Physics</i> Advanced Physics Concepts, Theories of Relativity Laboratory Studies</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 Trigonometric Equations and Inverse Trigonometric Functions</p>	<p>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 The Conic Sections</p>	<p>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>Speech</p>	<p><i>Everyday Speech</i> The Place of Speech in Society Everyday Conversation Special Types of Conversation Group Discussion Parliamentary Procedure</p>	<p><i>Interpretation</i> Talking with the Body Interpreting Monologues Reading with Meaning Our American Pronunciation Listening</p>	<p>Interpreting Declamations and Poetry Storytelling Extemporaneous Devotionals</p>
<p>Family/ Consumer Sciences</p>	<p><i>Introduction</i> Kitchen and Food Safety Basic Techniques and Equipment <i>Healthy Habits</i> Nutrition Consumer Education <i>Breakfast</i> Milk and Beverages Eggs Grains, Breads, and Food Preparation</p>	<p><i>Serving</i> Table Setting, Meal Service, and Etiquette Successful Entertaining <i>Lunch</i> Adding Flavor Produce Lunch Time Favorites</p>	<p><i>Dinner</i> Meat, Poultry, and Fish Appetizers and Desserts Laboratory Work: Cookies, Nutrition, Breakfast, Muffins, Yeast Bread, Pasta, Cheese Sauce, Vegetables, Salad, Lunch, Supper, Pudding, Cake Reception, Pie Crust, Dinner Party</p>
<p>Spanish 2 or French 2</p>	<p>Grammar Conversations Cultural readings</p>	<p>Stories from the life of Christ (a witnessing tool) Vocabulary</p>	<p>Composition Interviews</p>



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