

2013

 *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-seven 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

Science

Plants

God's Plan for Seeds

Animals

God's Plan for Animals
God's Plan for the Seashore

Health and Human Biology

God's Plan for Me

Earth and Space

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

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
 Guided creative writing
 Creative writing journal
 Daily seatwork practice in all academic areas

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

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

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

History and Geography

America, Our Home

Our Flag
 Our Patriotic Holidays
 Our Songs

The People Who Built America

The Separatists
 America's Indians
 The Colonists
 America's Pioneers
 America's Cowboys
 The New Americans

Tomorrow's America

Science

Plants

Enjoying the Plant World

Animals

Enjoying the Animal World

Health and Human Biology

Enjoying Myself and Others

Earth and Space

Enjoying our Earth and Sky

Matter

Enjoying the Air Around Us

Energy

Enjoying the Air Around Us

Enjoying Things That Move

Conservation

Enjoying Things That Work Together

Health, Safety, Manners

Health

Posture
 Nutrition
 Exercise
 Rest
 Cleanliness
 Diseases

Safety

At home and away from home
 On streets
 Around water
 During bad weather

Manners

Politeness
 Kindness
 Cheerfulness
 Respect
 Thoughtfulness
 Thankfulness
 Patience
 Table and telephone manners

Arithmetic

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

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

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

Bible

Lessons such as Salvation Series, Life of Moses, Tabernacle, Joshua, Judges, Ruth, Jonah (includes memory verses, hymns/choruses, and Bible doctrine)

Music Arts & Crafts

Traditional, patriotic, fun songs

Development of art techniques in multiple types of media

3 Third Grade

Language Arts

Phonics and Reading

Review of all phonics rules
Oral reading
Reading comprehension

Cursive Writing

Cursive writing formation
 $\frac{3}{4}$ -space high
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
Diagramming 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

Reading and Literature

Oral reading
Reading comprehension
Speed reading
Vocabulary building

Penmanship

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

Spelling, Vocabulary, and Poetry

Weekly word lists on various categories and vocabulary study
Six poems committed to memory

Language

Writing Process

Sentences and sentence parts
Synonyms, antonyms, homonyms
Dictionary, thesaurus skills
Letters—friendly, post cards, thank-you notes

Making an outline
Writing a library research paper
Writing book reports
Creative writing

Grammar

Punctuation, capitalization, and quotation facts
Recognizing and diagraming all eight parts of speech
Recognizing and diagraming complements
Word usage

History and Geography

Eight documents reviewed
Geography facts: terms, rivers, capitals, mountains, climate, deserts
Introduction to History and Geography
Fertile Crescent: Cradle of Civilization
Ancient Middle East

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

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

Science

Animals

Amazing Mammals
A Variety of Vertebrates

Energy

Force and motion
Electricity and magnetism

Engines: steam, internal combustion, jet propulsion, rocket engines
Light

Matter

Water, Air, Weather

Earth and Space

Geology: Treasures of the Earth
Oceanography: The Living Sea
Astronomy: The Eight Planets, Stars, Moon, Sun
Conservation: Preserving the Sea

Health

Circulatory System

Life in the Blood
Your Hardy Heart
Pathways through Your Body

Nutrition and Physical Fitness

A Balanced Diet
Daily Food Guide
Maintaining Your Proper Weight

Raising Your Rate of Metabolism
Aerobic Endurance
Muscular Strength and Flexibility

Digestive System

Digestion Begins in the Mouth
Through the Esophagus, Stomach, Small Intestine, Liver, Pancreas
Absorbing Digested Foods

Interpersonal Relationships

Social Acceptance, Mental Awareness, Spiritual Warfare

Arithmetic

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

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

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

Bible

Lessons such as Salvation Series, Life of Moses, Tabernacle, Joshua, Judges, Ruth, Jonah, Samuel, David (includes memory verses, hymns/choruses, and Bible doctrine)

Music Arts & Crafts

Traditional, patriotic, fun songs

Basic drawing and painting techniques, color concepts, and perspective



Language Arts	Reading and Literature	Spelling, Vocabulary, and Poetry	Sentences and sentence parts
	Oral reading Reading comprehension Speed reading Vocabulary building	Weekly word lists by prefixes, suffixes, and root words Vocabulary study from the word lists	Fragments, run-ons Library skills Student Writers' Handbook
	Penmanship	Eight poems committed to memory	Grammar
	Review of cursive writing formation Practice penmanship through creative writing and word exercises	Language	Punctuation and capitalization rules
		Writing Process	Recognizing, diagraming, using all eight parts of speech
		Writing paragraphs, poetry, outlines, library research paper, narration, journal, book reports, letters, creative writing	Word usage
History and Geography	Advanced map studies Geography facts, including the 50 states Eight documents reviewed	North America: Canada, United States, Mexico and Central America South America: Continent of Natural Resources, Nations of South America	United States History: The Colonial Heritage, New World's First Republic, U.S. in the Twentieth Century
Science	<i>Plants</i> Plentiful Plants <i>Animals</i> Observing Invertebrates	<i>Earth and Space</i> Our Fascinating Earth God's Great Universe Exploring Space	<i>Chemistry</i> Matter and Chemistry (atoms, elements, and compounds)
Health	<i>Safety and First Aid</i> Safety First First Steps of First Aid	<i>Growth and Fitness</i> Your Changing Body An Active Lifestyle <i>Anatomy</i> Endocrine System Respiratory System Muscular System Skeletal System	<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
Arithmetic	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	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	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
Bible	Lessons such as Salvation Series, Life of Christ, Parables, Elijah, Elisha, Daniel, Esther, Ezra /Nehemiah (includes memory verses, hymns/choruses, and Bible doctrine)		
Music Arts & Crafts	Traditional, patriotic, fun songs	Further development of perspective, introduction to composition, study of accomplished artists	

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	<p>Grammar Capitalization rules Punctuation rules Kinds of sentences and diagraming Eight parts of speech and their uses Diagraming eight parts of speech Sentence structure</p>	<p>Composition Manuscript form The writing process The library Outlining Summaries Book reports Paragraphs Descriptions Research paper Writing style</p>	<p>Vocabulary, Spelling, Poetry Vocabulary lessons Weekly spelling lessons Nine poems memorized</p> <p>Literature Reading for enjoyment stories and poems by such authors as Stuart, Whittier, Longfellow, Frost, Hawthorne, Sandburg</p>
History	<p>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</p>	<p>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</p>	<p>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</p>
Science	<p>Introduction to Science Foundations of Geology Minerals and Rocks</p>	<p>Weathering and Erosion Interpreting the Fossil Record A Survey of the Seas</p>	<p>The Atmosphere Weather: Water Vapor and Air Masses Weather: Storms and Forecasting Consider the Heavens Man and the Universe Environmental Science</p>
Sex Education from the Bible	<p>Morality Dating and marriage Sins such as adultery, fornication, and homosexuality</p>		
Mathematics	<p>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</p>	<p>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</p>	<p>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</p>
Bible	<p>Lessons/ Map Journeys: Journeys of Paul, Joshua, Judges (includes memory verses and hymns)</p>		

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)

10 Tenth Grade



Language Arts

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

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*

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, and Endocrine 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

Mathematics

Algebra II (traditional approach)

Factoring
Fractions
Linear equations in one variable
Coordinate geometry
Variation and dependence

Functions
Systems of equations
Powers and roots
Exponents, radicals, and imaginary numbers
Quadratic and higher equations

Logarithmic functions, exponential functions, and graphing rational functions
Numerical trigonometry
Statistics and probability

Consumer Mathematics

Buying a Car, Travel, Income, Budgeting, Housing, Food,

Clothing, Leisure Activities, Federal Taxes and Records,

Banking Investments, 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

Bible

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

11 Eleventh Grade

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
 9 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 nine-

teenth 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*

U.S. History

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

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

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

Chemistry

Chemistry: An Introduction
 Matter: The Substance of Chemistry
 Stoichiometry: Elements and Compounds
 Stoichiometry: Chemical Reactions
 Gases
 Chemical Thermodynamics
 Light, Electrons, and Atomic Structure

Periodic Table
 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
 Weekly laboratory studies

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

Business Mathematics

Personal finances
 Bookkeeping and accounting
 Business formulas

Metric-English conversions
 Investments
 Taxes

Banking
 The small business

Document Processing

Employment Documents
 MLA Style Reports

The Itinerary and Agenda
 Letter with Tables

Business Document Production

Spanish 1 or French 1

Pronunciation
 Word formation
 Verse memorization as a witnessing tool
 Grammar

Vocabulary
 School, Clothes, Family, Home, Food, Creation, Vacation

Application

Conversation, Reading, Interview, Report, Letter, Oral translation

Bible

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

12 Twelfth Grade



Language Arts	<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: <i>Robinson Crusoe</i> (includes conversion experience) Complete play: <i>Macbeth</i> Complete novel: <i>The Pilgrim's Progress</i> Ten poems memorized</p>
Government	<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 Supreme Court The Bill of Rights</p>	<p><i>Our Federal Republic</i> Federalism State Government Local Government American Citizen in Action Current events</p>
Economics	<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>
Physics	<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>
Mathematics	<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>
Speech	<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>
Family/ Consumer Sciences	<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>
Spanish 2 or French 2	<p>Grammar Conversations Cultural readings</p>	<p>Stories from the life of Christ (a witnessing tool) Vocabulary</p>	<p>Composition Interviews</p>
Bible	<p>Study series: Genesis—First Things, Revelation and Church History (includes memory verses and hymns)</p>		



P.O. Box 19100
Pensacola, FL 32523-9100, U.S.A.

 **abeka.com**

 **1.877. A BEKA BOOK**
(223.5226)



19286401