

Fourth Grade

Language Arts: Reading



Outstanding children's literature by famous authors, combined with colorful art and design, entices young readers to come back for more. Students will be entertained and inspired as they read children's classics; stories of missionaries, inventors, and people who overcame difficulties; factual stories about colonial and pioneer Americans; and patriotic stories.

Fourth graders will also read two Christian fiction novels that they will use when writing language book reports. Two speed and comprehension readers will enlarge students' reading interests, teach them to skim, and develop their reading speed and power of comprehension.

Literary Value

- 140 authors, including such well-known writers as E. B. White, Lewis Carroll, and Rudyard Kipling
- Character-building themes such as faithfulness, honesty, industry, kindness, perseverance, resourcefulness, and service

Materials

- Readers (4) containing:
 - Short stories (121)
 - Poems (74)
- Christian fiction novels (2)
- Speed and comprehension readers (2):
 - *Read & Think 4 Skills Sheets* (44)
 - *Adventures in Other Lands* exercises (28)
- Scripture selections (59)

Evaluation

- Weekly oral reading grade
- Homework reading quizzes (3)
- Vocabulary comprehension quizzes (8)
- Speed and comprehension quizzes (72) for timed silent reading exercises and stories

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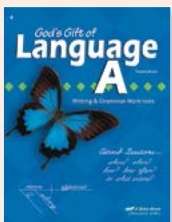
Reading Skills Development

- Strive for increased:
 - Accuracy, fluency, and good expression
 - Pace and comprehension while reading silently
 - Ability to follow along and comprehend as others read orally
 - Improvement of flow
 - Vocabulary development through words and definitions included in readers
 - Ability to read poetry correctly

Comprehension, Discussion, & Analysis Skills Development

- Answer factual and interpretive questions for most stories and poems
- Answer inferential comprehension and discussion questions for most stories and poems
- Develop ability to use deductive reasoning, understand cause and effect, and draw conclusions
- Determine main characters, theme, climax, and turning point

Language Arts: Language



God's Gift of Language A emphasizes usage and the writing process. Students are given extensive instruction on how to write letters, book reports, and even an encyclopedia report. *God's Gift of Language A* also includes a variety of creative-writing exercises and excellent sections on using the dictionary and the encyclopedia. Traditional grammar training continues as students learn to recognize all eight parts of speech; identify simple and compound subjects and verbs; diagram subjects, verbs, adjectives, and adverbs; and learn simple rules for correct usage and subject and verb agreement.

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Evaluation

- Quizzes (23) from quiz/test book
- Quizzes (7) dictated or from exercises in student book
- Tests (12)
- Graded book reports (7):
 - Short format (2; each counts as 2 quiz grades)
 - Long format (3; each counts as test grade)
 - Oral (2; each counts as test grade)
- Encyclopedia report (counts as 2 quiz grades)

Grammar

- Capitalization:
 - First word in every sentence
 - First word of direct quotations
 - The word *I*
 - Days of week and months of year, but not seasons
 - First word in every line of poetry
 - Holidays and special days

- First and every important word in:
 - Titles of books
 - Magazines, newspapers
 - Poems, stories, songs
- Particular person, place, or thing
- Words used as a name such as *Mother, Father, Grandmother, and Grandfather*
- Names referring to God and the Bible
- Initials
- Title of a person when it comes before a name

Fourth Grade

Language cont.

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Grammar cont.

- Punctuation:
 - End marks
 - Commas:
 - To separate:
 - Three or more items in a series, city from state in address, Yes or No at beginning of sentence
 - Other items in address
 - To set off words of direct address
 - After greeting of a friendly letter and closing of any letter
 - Direct quotations
 - Quotation Marks:
 - Before and after a direct quotation
 - Before and after titles of short stories, poems, songs, chapters, and magazine or newspaper articles
 - Apostrophes: in contractions and possessive words
 - Colons:
 - To write time
 - In scripture references
 - After greeting of business letters
 - Underlining titles of books, newspapers, magazines, ships, plays, and works of art
- The sentence:
 - Recognize and write good sentences
 - Recognize fragments
 - Correct fragments
 - Classify a sentence according to its purpose: declarative, interrogative, exclamatory
 - Recognize and classify imperative sentences
 - Recognize and correct run-together sentences
 - Use specifics to write interesting sentences
 - Recognize complete subject and predicate
 - Identify simple subject and verb
 - Recognize verb phrases
 - Identify compound subject and verb
 - Diagram simple subjects and verbs
 - Diagram compound subjects and verbs
 - Understand agreement of subject and verb
- Parts of speech:
 - Recognize all eight parts of speech
 - Diagram all parts of speech except preposition and interjection
- Verbs:
 - Action, state of being, helping verbs
 - Compound verbs; verb phrases
- Nouns:
 - Recognize compound nouns
 - Review common and proper nouns
 - Use nouns as subjects
 - Review singular and plural nouns
 - Understand how to make nouns plural

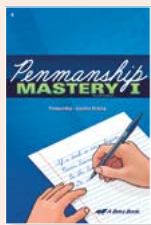
- Pronouns:
 - Identify antecedents
 - Learn to correctly use subjective, objective, and possessive pronouns
 - Understand how to diagram pronoun subjects
- Adjectives:
 - Identify adjectives
 - Locate adjectives in the predicate that describe the subject
 - Compare adjectives correctly
 - Learn how to diagram adjectives
- Adverbs:
 - Understand adverbs modify verbs, adjectives, and adverbs
 - Distinguish adverbs from adjectives
 - Use *good* and *well* correctly
 - Use adverbs and negatives correctly
 - Learn how to diagram adverbs
- Prepositions: identify prepositional phrases
- Conjunctions: recognize *and*, *but*, *or*, *nor*, *for*, *yet*
- Interjections: use correctly
- Word study and diction:
 - The dictionary: alphabetical order, guide words, dictionary information
 - Understand agreement of subject and verb
 - Review using these troublesome words correctly: *sit*, *set*; *its*, *it's*; *your*, *you're*; *their*, *there*; *to*, *too*, *two*; *learn*, *teach*; *can*, *may*; *good*, *well*
 - Understand how to use these troublesome words: *lie*, *lay*; *accept*, *except*; *affect*, *effect*; *beside*, *besides*; *between*, *among*; *burst*, *bust*; *have*, *of*; *less*, *fewer*; *off of*, *off*; *to*, *and*; *wait on*, *wait for*
 - Use negative words correctly
 - Form contractions correctly

Composition

- Write good sentences
- Complete various creative writing assignments such as writing about a picture, describing an event, writing with details, using the right words, writing about a maxim, describing a place you would like to visit, etc. (7 assignments)
- Write friendly letters, thank-you notes, properly addressed envelopes
- Write post cards
- Write with details
- Gather information by observation and reading
- Know how to use encyclopedia headings and guide words
- Learn the Writing Process: read and gather, think and plan, write and rewrite, check and polish, share your results
- Write an encyclopedia report using the writing process: take notes; make a rough draft; check, polish, and rewrite the rough draft
- Learn to use the Writer's Checklist
- Use the writing process to write a book report
- Use the checklist for book reports
- Prepare and give oral reports

Fourth Grade

Language Arts: Penmanship



Penmanship Mastery I provides daily practice for penmanship excellence. This text emphasizes the importance of correct formation, spacing, letter size and slant, and overall neatness. Each week's lessons feature exercises which allow students to practice writing difficult connections, improve their listening skills, and develop their creative-writing abilities. Students will enjoy the interesting and challenging games in the text.

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Added Enrichment

- Journal entries including several creative writing pages discussing "A Word to Live By" (26)
- Creative writing assignments (56)

Evaluation

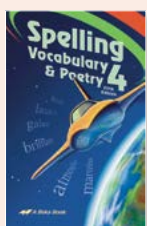
- Tests (33)
- Progress report boxes (26)

Skills Development

- Achieve good writing position:
 - Sitting properly in desk
 - Holding pencil correctly
 - Slanting paper correctly
- Learn to write:
 - With pens
 - With a flowing movement and relaxed grip
- Use correct warm-up procedure with slants, ovals, and basic letter strokes
- Correctly write all upper- and lowercase letters and numbers 0–9

- Maintain correct letter formation, uniform slant and size, correct spacing, letters that touch the line, and proper margins for overall appearance
- Use key strokes: slant, loops, tails, humps
- Evaluate writing for personal improvement
- Copy most assignments from print to cursive
- Write dictated sentences
- Complete a weekly journal entry or "A Word to Live By" assignment
- Copy assignments from print to cursive using language skills and science and geography facts

Language Arts: Spelling, Vocabulary, & Poetry



Spelling, Vocabulary, and Poetry 4 features a variety of spelling and vocabulary words that are crucial for expanding each student's vocabulary. Not only will students learn words that relate to other academic subjects and words that are commonly used in writing and speaking, but they will also learn the spellings and postal abbreviations for each of the fifty states. By completing the variety of exercises found in *Spelling, Vocabulary, and Poetry 4*, students will learn how to use spelling and vocabulary words correctly in their speaking and writing. They will also improve proofreading skills.

The six poems included in this text have been selected for their beauty of language, literary greatness, and character-building qualities. Fourth graders will improve their comprehension skills as they learn how to develop a mental visualization of each poem.

Added Enrichment

- Spelling and vocabulary:
 - Spelling lists (34) including review list at end of each 9 weeks:
 - Total words (642)
 - Vocabulary words and definitions (233)
 - Practice exercises (38)
 - Spelling games (19)
- Pronunciation key
- Glossary of vocabulary words
- Bible verses and references encouraging good character traits
- Quick-reference spelling rules in text
- For teachers: sentence banks; practical spelling tips and suggestions

- Poetry:
 - Poem introductions include discussion ideas, some historical content, and information about the author
 - CD included to help with correct interpretation
 - Vocabulary words and definitions with each poem

Evaluation

- Spelling tests (34)

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Spelling & Vocabulary Skills Development

- Master spelling and vocabulary lists
- Use vocabulary words in proper context
- Memorize vocabulary definitions
- Correctly write sentences dictated by teacher using vocabulary words
- Create good sentences using spelling and vocabulary words
- Further develop dictionary skills
- Apply spelling and phonics concepts through daily teacher-directed oral practice and independent written practice

- Learn background information on some spelling and vocabulary words
- Proofread for spelling errors: recognizing misspelled words in pairs, lists, and sentences
- Learn the spellings and abbreviations of the fifty states
- Learn rules:
 - Use *i* before *e*, except after *c*, or when sounded like *a*
 - Double a final consonant before adding a suffix beginning with a vowel
 - Drop the silent *e* before adding a suffix beginning with a vowel

Fourth Grade

Spelling, Vocabulary, & Poetry cont.

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Spelling & Vocabulary Skills Development cont.

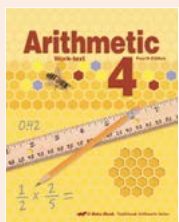
- Learn when to change *y* to *i* when adding suffixes
- Learn some exceptions to *ie* rule

Poetry Skills Development

- Memorize 5 lyrical poems and a portion of 1 epic poem
- Develop appreciation of poetry
- Perform in front of an audience

- Recite in unison
- Develop appropriate expression and volume
- Learn definitions and use of unfamiliar words
- Improve comprehension of emotion and content
- Develop mental visualization of the poem
- Discuss meaning and purpose of each poem
- Use proper observation of punctuation
- Learn the term *stanza*

Arithmetic



The colorful daily worksheets in *Arithmetic 4* provide practice over familiar concepts and new material. The four basic processes are taught and reviewed, as well as multiplying and dividing by two-digit numbers, estimation, square measures, writing decimals as fractions, and simple geometry. A major emphasis is on working with proper and improper fractions; adding, subtracting, and multiplying fractions; and finding the least common denominator. Students will continue to solve multi-step word problems which encourage the application of concepts being learned.

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Evaluation

- Biweekly quizzes (16)
- Biweekly tests (17)
- Daily skills development exercises (136)

Numbers

- Place value:
 - Whole numbers to the 100 millions' place
 - Decimals to the thousandths' place
- Writing numbers from dictation to the 100 millions' place
- Roman numerals:
 - Value of I, V, X, L, C, D, M
 - Basic rules for Roman numerals
 - More complex rules for forming Roman numerals
- Number sentences:
 - With unknowns
 - Order of operations (parentheses)
- Even/odd numbers
- Estimating: product, quotient, divisor

Addition

- Addition families 1–18: mixed order
- Timed mastery
- Terms: addend, sum
- Missing sign
- Word problems
- Money
- Mental arithmetic: problems combining addition, subtraction, multiplication, and division up to 7 numbers
- Carrying to any position
- Checking by addition
- Addends: column addition
- Averaging
- Fractions:
 - With common denominators
 - With uncommon denominators
- Measures
- Decimals

Subtraction

- Subtraction families 1–18: mixed order
- Timed mastery
- Missing sign
- Mental arithmetic: problems combining subtraction, addition, multiplication, and division up to 7 numbers
- Word problems
- Terms: minuend, subtrahend, difference
- Borrowing from a whole number or zero in any position
- Money and measures
- Number sentences: with unknowns, order of operations
- Checking by addition
- Fractions:
 - With common denominators
 - With uncommon denominators
- Decimals

Multiplication

- Multiplication facts: 0–12 tables
- Word problems
- Timed mastery
- Terms: factor, product, partial product
- Missing sign
- Mental arithmetic: problems combining multiplication, division, addition and subtraction up to 7 numbers
- Multiplying with:
 - 1 or 2 digits
 - 3 digits
- Carrying
- Checking by reversing factors
- Number sentences: with unknowns, order of operations (parentheses)
- Money

Fourth Grade

Arithmetic cont.

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Multiplication cont.

- Factors:
 - Factoring
 - Finding common factors and greatest common factor
- Fractions:
 - Using cancellation
 - Multiplying fractions with whole and mixed numbers
- Estimation of product

Division

- Division facts: 1–12 tables
- Word problems
- Steps of division
- Terms: dividend, divisor, quotient
- Missing sign
- Timed mastery
- Mental arithmetic: problems combining division, multiplication, addition, and subtraction up to 7 numbers
- Divisor: 1 and 2 digits
- Dividends: 2 and 3 digits or more
- Remainders written as a fraction
- Checking by multiplication
- Money
- Averaging
- Number sentences: with unknowns; order of operations (parentheses)
- Estimating quotients, divisors
- Divisibility rules for dividing by 2, 3, 4, 5, 9, 10

Fractions

- Parts of a whole or group
- Word problems
- Timed mastery
- Terms: numerator, denominator
- Number words
- Reading and writing fractions
- Number line
- Types:
 - Proper, mixed, improper
 - Write as whole or mixed number
- Reducing:
 - Finding least common denominator
 - Answers to lowest terms using greatest common factor
- Addition:
 - With common denominators
 - With uncommon denominators
- Subtraction:
 - With common and uncommon denominators
 - With borrowing
- Multiplication:
 - Using cancellation
 - With whole or mixed numbers
- Equivalent fractions

Decimals

- Money
- Decimal point

- Reading and writing: writing a decimal as a fraction
- Place value to the tenths', hundredths', thousandths' places
- Addition and subtraction

Problem Solving & Applications

- Word Problems:
 - Steps of problem-solving process
 - Addition, subtraction
 - Multiplication, division
 - Fractions, money, measures
 - Finding averages
 - Decimals
 - Geometry: area, perimeter
 - Graphs, clue words
 - 1, 2, and 3 steps
 - Mixed operations
 - Estimating answers
- Applications for broader and deeper understanding of concepts: fractions, length, weight, graphs, geometry

Time

- Table of time:
 - Second, minute, hour, day
 - Week, year, leap year
 - Decade, score, century, millennium

Money

- Know values of all coins
- Recognize symbols: \$ (dollar sign) and . (decimal point)
- Money problems with mixed operations
- Making change
- Counting back change

Measures

- Temperature:
 - Reading and writing
 - Terms: degrees
 - Celsius and Fahrenheit:
 - Determining if a Celsius temperature is cold or hot
 - Freezing and boiling points of water
 - Normal body temperature
- Length:
 - English: inch, foot, yard, mile
 - Metric:
 - Millimeter
 - Centimeter
 - Decimeter
 - Meter
 - Decameter, hectometer, kilometer
- Weight:
 - English: ounce, pound, ton
 - Metric:
 - Milligram, centigram
 - Decigram
 - Gram
 - Decagram, hectogram
 - Kilogram

Fourth Grade

Arithmetic cont.

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Measures cont.

- Capacity:
 - English:
 - Fluid ounce
 - Cup, pint, quart, gallon
 - Peck, bushel
 - Teaspoon, tablespoon
 - Metric:
 - Milliliter, centiliter, deciliter
 - Liter
 - Decaliter, hectoliter, kiloliter
- Ordering measures least to greatest
- Converting from one measure to another within same system
- Subtracting unlike measures within same system
- Square measures: square inches, feet, and yards
- Metric prefixes: milli-, centi-, deci-, deca-, hecto-, kilo-
- Timed mastery

Graphing, Statistics, Probability

- Statistics: averaging
- Graphs:
 - Pictographs, bar graphs, scale drawings, line graphs
 - Reading and completing
- Finding distance on scale drawings

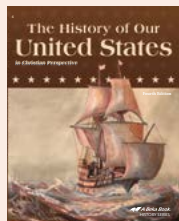
Geometry

- Plane figures:
 - Simple closed curve, polygon
 - Quadrilateral: parallelogram, rectangle, square, rhombus, trapezoid
 - Triangle
- Angles:
 - Right
 - Congruent
- Lines:
 - Line segment, line, ray
 - Intersecting lines
- Terms: point, perpendicular, parallel
- Perimeter of a polygon: formulas for rectangle, square
- Recognize models and symbols:
 - • (point); — (line segment)
 - \leftrightarrow (line); \rightarrow (ray)
 - \angle (angle)
 - Concept of area: finding area of rectangle, square

Pre-Algebra

- Finding the unknown number in an equation

History & Geography



The History of Our United States is a high-interest, inspiring, narrative approach to American history. The lively writing style and outstanding visual features make the student's first formal study of United States history a positive, enjoyable experience. As they learn how the United States of America came to be a nation, who its famous people have been, and what important events have taken place in its history, students learn to love, respect, defend, and protect their native land. Through this study of American history, students are given ideals to reach for and aspirations to follow.

Added Enrichment

- Chapters include:
 - Important new words, names, places, and dates
 - Maps (14) and time lines (9) of important dates of events
 - Comprehension checks (53)
 - Chapter checkups (18)
- Special feature boxes with in-depth study (15):
 - Important U.S. leaders, inventors, and missionaries
 - Interesting facts of the events in U.S. history
- *My State Notebook* for individual state study
- Map Study Skills worksheets (47)

Evaluation

- Printed quizzes (29)
- Homework quizzes (4)
- Tests (10)
- 9-weeks exam (4)

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U.S. History Study

- Years of discovery:
 - Europe explores New World
 - North America claimed for England
- Years of exploration:
 - Spain: conquest of Mexico, De Soto discovers Mississippi
 - France: Cartier explores New World, first French settlement in New World
 - England: Drake the Dragon, "sea dogs"

Fourth Grade

History & Geography cont.

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U.S. History Study cont.

- First Americans:
 - Differences in American Indian homes, transportation, games
 - Missionaries to American Indians: John Eliot, Roger Williams, John Wesley
 - Sequoia, Jim Thorpe
- English come to America:
 - Roanoke, the lost colony
 - Jamestown: first lasting colony
 - The Pilgrims: lovers of religious freedom
- New England Colonies:
 - Massachusetts Bay Colony: Puritans, religious freedom for some
 - Rhode Island: religious freedom for all
 - New Hampshire: John Mason
 - Connecticut: Thomas Hooker, Fundamental Orders of Connecticut
- Middle and Southern Colonies:
 - Who settled them:
 - New York: Dutch, French, British
 - Delaware: Dutch, Swedish, English
 - New Jersey: Dutch, English
 - Pennsylvania:
 - Swedish
 - Quakers, William Penn
 - Virginia:
 - English
 - House of Burgesses, elected representatives
 - Maryland: Catholic, religious freedom
 - The Carolinas: England, Charles Towne, plantations
 - Georgia: English, James Oglethorpe
- Colonial life:
 - Home: house-raising, homespun clothes
 - Communication: town criers, circuit-riding preachers
 - Education:
 - Hornbook, *New England Primer*
 - Dame school, old-field schools, Harvard
- The Great Awakening:
 - Revival, Jonathan Edwards, John Wesley, George Whitefield, David Brainerd
- French & Indian War:
 - George Washington: officer in colonial army
 - General Edward Braddock: commander of English army
 - New France: land French claimed in New World
- American War for Independence:
 - Colonists demand their rights as Englishmen:
 - Stamp Act, King George III
 - Representatives, taxes
 - Boston Massacre, Boston Tea Party
 - The war begins:
 - First Continental Congress: decision to boycott English goods
 - “Minutemen”
 - Paul Revere
 - Patrick Henry, patriots, Loyalists, Tories
 - Lexington, Concord
 - The American colonies fight for independence:
 - Second Continental Congress: decision to write Declaration of Independence
 - Battle of Bunker Hill
 - Ethan Allen, Green Mountain Boys, Hessians
 - Declaration of Independence is written:
 - Thomas Jefferson
 - John Hancock: President of Second Continental Congress
 - The war continues:
 - General George Washington: became commander in chief of colonial army
 - Nathan Hale, Betsy Ross
 - America wins its freedom:
 - Battle of Saratoga
 - Valley Forge
 - John Paul Jones, Lord Cornwallis
 - Yorktown
 - Treaty of Paris
 - Building a new nation:
 - Articles of Confederation
 - Constitutional Convention
 - Constitution of the United States
 - Congress, Supreme Court
 - Bill of Rights, republic
 - George Washington
 - Washington, D.C.:
 - Benjamin Banneker
 - Our nation grows:
 - America pushes farther west:
 - Daniel Boone, Wilderness Road, Kentucky
 - Northwest Territory
 - Land Ordinance of 1785
 - Northwest Ordinance of 1787
 - United States doubles its size—Louisiana Purchase:
 - Captain Meriwether Lewis, Captain William Clark
 - War of 1812:
 - Napoleon Bonaparte
 - Francis Scott Key
 - Fort McHenry
 - “The Star-Spangled Banner”
 - The purchase of Florida: James Monroe
 - The Second Great Awakening:
 - Francis Asbury
 - Circuit-riding preachers; Peter Cartwright
 - The U.S. gains the Southwest:
 - Alamo, Santa Anna
 - Davy Crockett, General Sam Houston
 - War with Mexico, Mexican Cession, Gadsden Purchase
 - The great Gold Rush to California: John Sutter, “forty-niners,” statehood
 - Oregon Territory: Oregon Trail, Marcus and Narcissa Whitman
 - New schools and schoolbooks:
 - Noah Webster
 - William H. McGuffey

Fourth Grade

History & Geography cont.

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U.S. History Study cont.

- The Civil War:
 - Before the war:
 - North and South differ on slavery
 - Abraham Lincoln: President of Union
 - Jefferson Davis: President of Confederate States
 - Eli Whitney and cotton gin
 - Free states, slave states
 - Missouri Compromise
 - Civil War:
 - Fort Sumter, blockade
 - *Merrimac* and *Monitor*
 - Emancipation Proclamation
 - Ulysses S. Grant, Robert E. Lee
 - Battle of Gettysburg, Gettysburg Address
 - Appomattox Court House, Virginia
 - After the war:
 - John Wilkes Booth: shot President Lincoln
 - Andrew Johnson: President after Lincoln died
- New frontiers:
 - Rebuilding the South: Booker T. Washington, Tuskegee Institute, George Washington Carver
 - The last frontier:
 - Cowboys, Indians, farmers, reservations
 - Transcontinental railroad, Union Pacific Company, Central Pacific Company
 - Promontory Point, Utah, Homestead Act, Oklahoma Land Rush
 - Cyrus McCormick
- Age of progress:
 - A growing nation: immigrants
 - Spreading the Gospel:
 - Billy Sunday
 - Charles Finney, Dwight L. Moody, Adoniram Judson
 - Steel and oil (ingredients for success): Andrew Carnegie, Sir Henry Bessemer, John D. Rockefeller, Standard Oil
 - Inventions (new ways to do things):
 - Pony Express
 - Steamboat, telegraph, Morse code, telephone
 - Thomas Edison
 - Assembly line
 - Orville and Wilbur Wright
- Beyond our boundaries:
 - Alaska: Russian America, William H. Seward, territory, gold
 - Hawaii: Captain James Cook
 - Spanish-American War: Cuba, Theodore Roosevelt, Rough Riders, San Juan Hill, Guam, Puerto Rico
 - Panama Canal: Isthmus of Panama
- The World Wars:
 - World War I (1914–1918):
 - Allied Powers, Central Powers, neutral nations
 - Archduke Ferdinand, President Woodrow Wilson
 - German U-Boats, *Lusitania*, Zimmermann Note
 - League of Nations
 - Between the World Wars: Roaring Twenties, Great Depression, dictators arise
 - World War II (1939–1945): Poland, Franklin D. Roosevelt, Axis Powers, Allies, Pearl Harbor, V-E Day, atomic bomb, concentration camps
 - Continuing World Problems: United Nations, Harry S. Truman, Communism, Berlin Wall, Korean War

- Time for freedom and responsibility:
 - Freedom and opportunity for all Americans:
 - Brown v. Board of Education
 - Martin Luther King, Jr.
 - Civil Rights Act of 1964
 - Enjoying America's freedoms: Dwight D. Eisenhower, Interstate Highway System, beginning space program
 - Preserving freedom: Cold War, John F. Kennedy, Lyndon B. Johnson, Vietnam War, Richard Nixon
 - Return to patriotism and family values: Ronald Reagan, Reagan Doctrine, Grenada
 - Supreme Court's influence: Sandra Day O'Connor; Clarence Thomas; John G. Roberts, Jr.
 - Times of testing:
 - Saddam Hussein, Iraq, Kuwait
 - President George Bush, Operation Desert Storm, Bill Clinton
 - Terrorism, Osama bin Laden, "War on Terror"
 - Operation Iraqi Freedom
 - Hurricane Katrina

Memory Work

- 6 documents:
 - The American's Creed
 - Portion of The Declaration of Independence
 - Preamble to the Constitution
 - First Amendment to the Constitution
 - The Rights of Americans
 - Lincoln's Gettysburg Address
- States
- Capitals
- 44 U.S. Presidents

State History Study

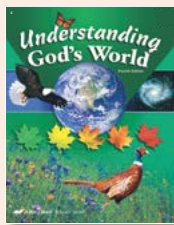
- 6 weeks of lessons including the following information:
 - Political and physical maps, flower, motto, bird, song, tree, flag, nickname, time line, early settlement,
 - Historical figures, landmarks, government, regions, weather, industries, state capital, my city, citizens, my county, wildlife, plant life, sports, vacation spots

Geography Study

- Globes, maps, map key, map grid, distance scale, compass rose
- Cardinal and intermediate directions
- Western and Eastern Hemispheres
- Continents and oceans
- Equator
- North America:
 - Great Lakes
 - Seas, bays, gulfs, rivers
 - Countries
 - Mountains
- Geographical terms: source and mouth of river, delta, channel, canal, desert, oasis, downstream, upstream, sea level, altitude, mountain, valley
- Atlas, physical and political maps
- U.S. maps:
 - States
 - Capitals
 - 13 original colonies; U.S. expansion

Fourth Grade

Science



Understanding God's World fascinates elementary students from the very beginning by presenting things that they can see, observe, and understand in the world around them. They learn how to make an insect zoo, how to recognize the plants they see every day, how to attract birds to their own backyard, how to use field guides, how to interpret cloud formations, and how to identify rocks. Students learn to appreciate many aspects of God's creative genius by studying the miracle of plant germination, the causes of weather, the God-given provisions for life on earth, the design of the starry heavens, and the ecology of the ocean depths.

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Additional Helps

- Additional activities (5)
- CD with 10 related nature stories
- Suggested DVDs (5)
- Worksheets in Activity Book (44)

Evaluation

- Printed quizzes (23)
- Homework quizzes (3)
- Chapter tests (6)
- 9-weeks exam (3)

Science: Let's Find Out

- Learning about science: what a scientist is, what scientists do
- Learning how to observe:
 - Observing North American birds and flowers:
 - State bird project: 25 birds memorized
 - Canadian floral emblems project:
 - 13 provincial floral emblems memorized

Insects

- Ten million designs:
 - Characteristics:
 - Invertebrate (has an exoskeleton)
 - Three body parts: head, thorax, abdomen
 - Ovipositor
 - Breathing tubes; spiracles
- Insect zoo:
 - Making a zoo
 - Distinguishing butterflies from moths
- Insect life cycles:
 - Complete metamorphosis
 - Law of biogenesis
- Designer heads:
 - Antennae with sensilla
 - Compound and simple eyes
 - Mouth parts
- Designed for motion:
 - Legs
 - Types of wings
 - Migration
 - Crickets and grasshoppers: incomplete metamorphosis, differences
 - Insects' defense: fighting, chemical warfare, scare tactics, disguises
 - Insects communicate: sight, smell, dancing, touch, sound
 - Where insects live: trees, bushes, soil, wood, water
 - Dwellings of social insects: nests, hives, mounds
 - Jean Henri Fabre: explorer of backyard wonders

Activities & Demonstrations:

- Observing insect life
- Growing plants from seeds
- Making an insect zoo

Plants

- Designed to produce:
 - Food (photosynthesis), better air
 - Better soil
- Needleleaf trees: evergreen, conifers

- Broadleaf trees and palms: deciduous, state trees
- Flowers: parts of a flower (sepals, petals, stamens, pistils), pollinators, weeds, daisy (composite) family flowers
- Seed design: embryo, cotyledon
 - Traveling seeds: air, wind, water, animals, people
 - Germination: water, oxygen, right temperature
- Poisonous plants
 - Plants: helpful and beautiful
- George Washington Carver: the plant doctor

Activities & Demonstrations:

- Observing three parts of a seed in lima beans; observing germination

Birds

- Birds in your backyard
- Recognizing birds: appearance, behavior, habitat
- Feeding birds: how, what, when
- Making birdbaths and birdhouses
- Birds of the forest
 - Designer birds: various beaks and feet
 - Designed for flight:
 - Bones and feather structure; lift
 - Seeing, hearing
- Jack Miner Bird Sanctuary

Activities & Demonstrations:

- Observing lift
- Making a birdbath
- Building a bird feeder and birdhouse

Matter: Water, Air, & Weather

- God's gift of water (clouds): cirrus, cumulus, stratus
- Water for life:
 - Water is matter:
 - Molecules and atoms, hydrogen and oxygen
- Three states of water: water, steam, ice
- Water changes state
- Water's energy:
 - Energy and force defined
 - Potential energy, moving energy
- The atmosphere (an ocean of air):
 - Gases: oxygen, carbon dioxide, nitrogen
 - Layers of air
- Air's weight and pressure
- Wind (moving air):
 - Temperature
 - Pressure, energy

Fourth Grade

Science cont.

► **RED** indicates first introduction of content.

Matter: Water, Air, & Weather cont.

- Water in air: water cycle
- Condensation and precipitation:
 - Dew, frost
- Kinds of precipitation
- Clouds: types and combination types of clouds
- Weather forecasting: meteorologist, predicting weather
- Robert Boyle: father of chemistry

Activities & Demonstrations:

- Observing:
 - Surface tension and dissolving substances
 - How a water wheel works
 - The weight of air
 - Air pressure
 - The power of moving air
- Evaporation
- Condensation
- Making a water wheel

Energy: Sound & Hearing

- Sounds all around us:
 - Vibrations, sound waves
 - Speed of sound
- Making sound: larynx, vocal cords
- Receiving sound:
 - Parts of the ear
 - Hearing aids, animal ears
- High and low sounds: frequency
- Sounds that bounce back: echoes, ultrasound, sonar
- Preserving sound: phonograph, stereo
- Alexander Graham Bell: inventor of the telephone

Activities & Demonstrations:

- Observing:
 - How sound travels
 - Sound vibrations
- Demonstrating:
 - Frequency
 - High and low sounds
- Observing how energy bounces
- Hearing the difference in sound
- Learning some of the signs in the American manual alphabet
- Making a tin-can telephone

Geology

- Our home, the earth:
 - Sphere, hemispheres
- North Pole, South Pole, equator
- Earth's motion:
 - Earth rotates, revolves
- Seasons
- Oceans and continents:
 - Facts about oceans and continents
 - Earth, a magnet
- Soil's ingredients:
 - Humus
 - Minerals
- Layers of soil: topsoil, subsoil

- The earth's crust
- Water and soil:
 - Erosion
 - Conservation
 - Water as a builder
 - Floods
- Rocks: igneous, sedimentary, metamorphic

Activities & Demonstrations:

- Measuring the earth
- Looking at the cause of day and night
- Learning why winter is cold
- Making crystals, a compass, a rock collection

Oceanography

- Paths of the sea:
 - Matthew F. Maury: paths of the sea
 - Oceanography
- Continental shelf and slope: Mariana Trench, fish of the continental shelf
- Ocean floor and open ocean: oceanic ridges, seamounts, fish of the depths, upper-level fish
- Methods and equipment for exploring the sea: aqualung, submersible, undersea labs
- The sandy sea: where sand comes from
- Salt and waves: properties and benefits of salt water
- Giants of the sea:
 - Marine mammals: baleen whales, toothed whales
- Three invertebrates: octopuses, squid, jellyfish

Activities & Demonstrations:

- Making currents
- Observing water pressure
- Seeing the difference in the density of salt water and fresh water
- Observing how salt water freezes at lower temperatures
- Learning about jet propulsion

Astronomy

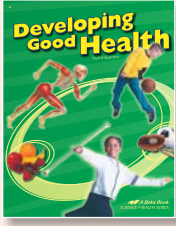
- Wonders of the night sky: our galaxy, our solar system, planet names
- Seasons, days, and years:
 - Weeks; astronomy, astrology
- Pictures in the sky: constellations
- The sun (the greater light):
 - Distance from the earth
 - Sun's energy and gravity
- The moon (the lesser light):
 - Our nearest neighbor
 - Apollo 11
 - A natural satellite
 - A reflector
- The origin of the universe:
 - Can't be proved by science
 - God created
 - Explained in the Bible; we accept by faith

Activities & Demonstrations:

- Showing how sunlight affects starlight in the daytime
- Showing how light is absorbed and reflected
- Making a star viewer

Fourth Grade

Health



Developing Good Health begins with a unit on physical fitness and emphasizes the skeletal, muscular, and respiratory systems. Practical instruction regarding personal hygiene follows a study of the teeth and skin. A chapter on interpersonal relationships teaches students how to have a right relationship with God and with others, stressing the necessity of maintaining close family relationships and the importance of choosing the right friends.

➤ **RED** indicates first introduction of content.

Additional Helps

- Chapter content review sheets (2)
- Anatomy worksheets (5)
- Physical fitness exercises (11)
- Demonstration to illustrate how acid attacks teeth
- Review games (5)

Evaluation

- Printed quizzes (9)
- Homework quizzes (2)
- Tests (3)

Physical Fitness

- Skeletal system:
 - Identify:
 - Bones, ligaments
 - Hinge, ball-and-socket, pivot joints
 - Cranium, carpals, metacarpals
 - Build strong bones: nutrients
 - Correct posture:
 - Sitting, standing
 - Walking: roll heel to toe
 - Bending, lifting
- Muscular system:
 - Identify skeletal muscles:
 - Frontalis, masseters, trapezius, quadriceps, hamstrings
 - Biceps, triceps, trapezius, abdominal muscles
 - Skeletal muscles: work in pairs
 - Muscles: work by pulling only
 - Involuntary muscles: cardiac muscle
 - Exercise:
 - Benefits of endurance exercises
 - Terms: *cramp, strain, aerobic, muscle tone*
 - Calisthenics
 - Isometric exercises
- Respiratory system:
 - Process of external respiration:
 - Oxygen and carbon dioxide
 - Nose:
 - Functions as an air conditioner
 - Mucus membrane, sinuses, cilia, sinusitis
 - Fight infection: adenoids, tonsils
 - Identify parts of the respiratory system:
 - Pharynx, epiglottis, trachea, larynx
 - Bronchi, bronchial tubes, bronchioles, alveoli
 - Diaphragm
 - Lung cancer
 - Aerobic exercise: benefits, requirements, good sportsmanship, preventing injuries

Personal Hygiene

- Teeth:
 - Function:
 - Appearance, speech
 - Digestion: saliva
 - Structure of a tooth: enamel, dentin, pulp, cementum, periodontal membrane
 - Plaque control:
 - Acid
 - Dental caries; forms of sugar
 - Keep teeth strong and healthy:
 - Brushing, fluoride toothpaste, flossing
 - Results of poor oral hygiene: halitosis, calculus, periodontal disease, malocclusion
 - Treatment of injured teeth

Body's Cover

- Three layers of skin:
 - Epidermis: callus, pigments, melanin, ultraviolet rays, albinos
 - Dermis: sebaceous glands, sebum, sweat glands
 - Subcutaneous layer
- Signs of infection
- Structure of hair: hair follicles
- Burns and how to treat them
- Functions of the skin:
 - Controlling temperature
 - Keeping out bacteria
 - Producing vitamin D
 - Gathering information
- Proper skin care: nutrition, rest, exercise, water, sunscreen

Keys to Good Grooming

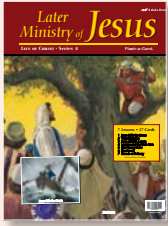
- Good hygiene for the skin:
 - Care for fingernails and toenails
- Clean clothes and appropriate dress
- Keeping the home clean

Right Relationships

- Receiving everlasting life
- Having healthy relationships with God and others

Fourth Grade

Bible



Using the foundation that has been laid from preschool to third grade, fourth graders review the stories of Jesus' birth; Jesus' miracles; and His death, burial, and resurrection that provide every individual an opportunity to accept the free gift of salvation. Not only will students attain knowledge of Christ's earthly ministry, but they will also learn about Joshua and Ruth's faith and God's abundant blessing in their lives. Among the many Bible stories taught in fourth grade are those about the apostle Paul's life. Students will not only learn about the successes and oppositions Paul experienced on his three missionary journeys, but they will also be amazed by the many miracles God performed on Paul's behalf.

Evaluation

- Graded memory verse passages (8)
- Content tests (5)

➤ RED indicates first introduction of content.

Lessons 405 A Beka Flash-a-Cards

- Salvation Series (5 lessons)
- Genesis Series (21): Creation, Adam, Cain; Enoch, Noah, Babel; Abraham and Isaac; Jacob; Joseph
- The First Thanksgiving
- Life of Christ Series (36): First Christmas; Boyhood and Early Ministry of Jesus; Jesus Heals and Helps; Later Ministry of Jesus; Crucifixion and Resurrection
- Life of Paul Series 1 and 2 (14)

Music 36 songs

- Choruses, hymns of the faith, holiday songs, patriotic songs including:
 - 12 new hymns and songs; 11 new choruses

Memory Work

- New passages (11) containing 68 verses
- Review verses (74)
- Books of the Bible, sword drills

Doctrinal Drill 60 questions/answers

- Increase Bible knowledge of basic doctrines: the Bible, God, sin, salvation, heaven, assurance of salvation
- 8 questions with verses to memorize as answers

Prayer Time

- Learn to pray with thanksgiving for each other, our nation, those in authority over us

Sword Drills

- 110 Old and New Testament references to find

Music



American music reflects the spirit and strength of its people, telling the history of our country's struggle for independence, growth, and expansion. America's rich, colorful legacy is essential to a child's education. *Songs We Enjoy 4* brings together traditional, patriotic, holiday, and fun selections that students have enjoyed singing for generations. The sing-along CD makes song time enjoyable for the students and easy for the teacher.

➤ RED indicates first introduction of content.

Skills Development 66 songs

- Follow a song leader while singing with class or CD
- Define and explain 22 unfamiliar words and phrases in lyrics
- Aid in understanding a song's message
- Count a steady rhythm in songs
- Enunciate silly words
- Sing a two-part canon and rounds of 3 or more parts

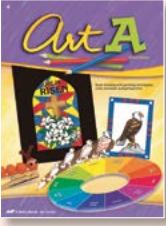
- Echo sing parts
- Use dynamic contrast in music
- Improve coordination skills through motion songs
- Learn historical facts through patriotic, folk, and Americana music

Variety of Songs to Memorize

- Folk, fun, patriotic, spirituals and hymns, holiday, Americana, songs at sea

Fourth Grade

Arts & Crafts



In *Art A*, students are introduced to the fundamental principles of color and perspective. These concepts are introduced and practiced using basic drawing, coloring, and painting techniques with colored pencils and watercolors. A decorative calendar begins each monthly selection, and suggestions for interesting variations and further practice stimulate creativity. This art book has been carefully organized and illustrated so that students may work in them independently or as a class.

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Concept Development 39 projects

- Primary and secondary colors (14)
- Intermediate colors (4)
- Complementary colors (6)
- Neutral and analogous colors (5)
- Colors of spectrum (3); color wheel (10)
- Perspective (3)

Technique Development

- Drawing: template, freehand, animation (8)
- Modeling (7)
- Painting: wash (2)
- Texture, weaving (4)
- Paper curling, folding, and shaping (6)
- Duplicating (1)
- Proportion (2)
- Motion lines (2)
- Translucent and cut-paper sculpture (3)
- Lettering (13)