

## Language Arts: Phonics



To firm up the foundation for lifelong reading skills, third graders will briefly review all of the phonics sounds learned in first and second grades.

### Added Enrichment

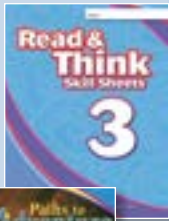
- Differentiated instruction using *Handbook for Reading* included in Help Class (for new students and those needing remedial help)

### Skills Development

- Review:
  - Long and short vowel sounds
  - Consonant sounds
  - Consonant and vowel blends

- One- and two-vowel rules
- 132 special sounds and clue words, including consonant blends, diphthongs, digraphs, 11 suffixes, 5 prefixes, etc.
- Know that words ending with a short vowel and *k* sound end with *ck*
- Apply phonics concepts to reading

## Language Arts: Reading



Students will develop reading enjoyment and appreciation for literature through a wide variety of quality reading selections that include children's classics, Bible and missionary stories, biographies, stories of adventure, fables, stories of humor and patriotism, and tales of fantasy. Students will also read four novels: one based on the experiences of a young immigrant; one historical fiction; and simplified versions of a famous novel and a Christian classic.

The first speed and comprehension reader is introduced.



### Literary Value

- 113 authors, including well-known writers such as Louisa May Alcott, Hans Christian Andersen, Dr. Seuss, Laura Ingalls Wilder, Sir Walter Scott, and Patricia St. John.
- Selections and adaptations from children's literature such as *Little House in the Big Woods*, *A Bear Called Paddington*, *The Swiss Family Robinson*, *The Ugly Duckling*, *Aesop's Fables*, *Treasures of the Snow*, *Black Beauty*, *The Cricket in Times Square*, and *Pilgrim's Progress*
- Character-building themes such as faithfulness, determination, forgiveness, humility, obedience, courage, truthfulness, resourcefulness

### Materials

- Readers (6) containing:
  - Short stories (135)
  - Poems (61)
  - Novels (4)
- Speed and comprehension reader (1):
  - *Read & Think 3 Skill Sheets* (30) for timed silent reading exercises with written comprehension quizzes

### Evaluation

- Weekly oral reading grade
- Homework reading quizzes (15)

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### Reading Skills Development

- Read and decode (sound out) words by applying phonics sounds and rules
- Strive for increasing:
  - Accuracy, correct enunciation
  - Fluency, phrasing
  - Alertness to punctuation
  - Good expression, comprehension
  - Appropriate pace for grade level
  - Volume and poise
  - Ability to follow along and comprehend as others read orally
- **Vocabulary development through words and definitions included in readers**

### Readers

- *Paths to Adventure*—26 stories and 15 poems; contains a wide variety of styles and topics such as patriotic, Bible, classics, stories
- *Footprints*—19 stories and 4 poems with an emphasis on literary and moral value
- *The Swiss Family Robinson*—an 11 chapter adaptation of a classic story
- *Crossroads*—21 stories and 6 poems containing a variety of topics and styles
- *Better Bridges*—16 stories and 5 poems with an emphasis on wise, moral choices
- *Pilgrim Boy*—a 16-chapter historical fiction book following a Separatist boy and his family as they travel to the New World onboard the *Mayflower*; includes a glossary for class practice and use

Reading cont. p. 45

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## Reading *cont.*

### Readers *cont.*

- *Secret in the Maple Tree*—a 19-chapter Christian fiction novel based on an immigrant family growing up in Minnesota; book is used to write the first book report assigned in the Language curriculum; includes a glossary
- *Worlds of Wonder*—33 stories and 18 poems; includes many patriotic stories of America as well as a wide variety of stories from around the world
- *Doors to Discovery*—20 stories and 9 poems of adventure emphasizing character values

- *Pilgrim's Progress Simplified*—a 35-chapter adaptation of a timeless classic; contains an introduction on the life of John Bunyan; contains many conceptual illustrations to help students understand the meaning of this allegory

### 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

## Language Arts: Language



The work-text *Language 3* provides a variety of practice exercises for students as they begin their formal study of English as an academic subject. Students will benefit from solid skills instruction that will develop their thinking abilities and allow them to express their thoughts correctly.

Third graders will learn to incorporate correct capitalization, punctuation, sentence structure, and word usage into their daily speaking and writing. *Language 3* gives students practice in recognizing nouns and verbs and correctly using synonyms, antonyms, and homonyms. Students will also develop their dictionary skills and improve their writing skills through journal entries and creative-writing exercises.

### Evaluation

- Quizzes (22; including dictated quiz)
- Tests (15)
- Short format book reports (3)

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### Grammar

- Capitalization:
  - First word in every sentence
  - The word *I*
  - Days of week and months of year
  - Seasons should not be capitalized
  - Holidays and special days
  - Names referring to God and the Bible
  - Names of particular people
  - Names of particular places or things
  - Initials
  - Titles of respect
  - First word and every important word in titles of books, stories, songs
- Punctuation:
  - Place:
    - Periods at end of declarative (telling) sentences
    - Question marks after questions
    - Exclamation points after sentences showing strong feeling
    - Periods after initials
    - Periods after abbreviations

- Commas to separate:
  - Yes or No at beginning of sentence
  - Names of people you are speaking to (direct address)
  - Name of a town or city from the state
  - Words or groups of words in a series
  - Parts of a date
  - After greeting and closing of a friendly letter
- Apostrophes:
  - In contractions
  - With *s* to make a possessive word
  - Quotation marks before and after a direct quotation
- The sentence:
  - Recognize:
    - Complete sentences
    - Kinds of sentences: declarative, interrogative, exclamatory
    - Subjects and verbs
- Parts of speech:
  - Recognize:
    - Common and proper nouns
    - Action verbs and other verbs
    - Over 30 irregular verbs and their correct usage
    - Adjectives
  - Diagram subjects and verbs

## Language *cont.*

### Grammar *cont.*

- Word study and diction:
  - Form plural of words
  - Form contractions (34)
  - Recognize and learn terms for same-meaning words (synonyms), opposite words (antonyms), and same-sounding words (homonyms)
  - Use dictionary: guide words, pronunciation, meaning, spelling
  - Use helping words
  - Correctly use:
    - *Is, are, isn't, aren't*, and over 30 other irregular verbs
    - Words such as *there, their, they're; its, it's*

### Composition

- Writing sentences using an assigned word or topic (97)
- Completing a sentence (14)
- Answering an interrogative sentence with a declarative sentence (12)
- Combining short sentences (8)
- Rewriting a sentence with correct capitalization/punctuation (22)
- Writing:
  - In chronological order
  - Paragraph/group of sentences about a given topic or picture (7)
  - Story about a given topic or picture (22, including 13 assigned to Journal)
  - Friendly letter (3, thank-you letter, addressing an envelope)
  - Book reports (3)
  - Journal entries (27)

## Language Arts: Cursive Writing



*Cursive Writing Skillbook* contains a variety of fascinating exercises designed to give third graders continued instruction and practice in developing their penmanship skills. Students will receive a thorough review of letter formation with an emphasis on correct slant, spacing, and proportion. The many activities in the book allow students to review phonics, practice their dictionary skills, and improve their creative-writing abilities.

### Added Enrichment

- Animal dictionary to help answer 91 worksheet questions/exercises
- 26 animal reports to be copied; 5 of which are included in a science notebook
- 50-lesson study of the U.S. state emblems
- Grid chart included with information such as the state capital, bird, flower, tree, and popular name
- 13-lesson study of the Canadian provinces and territories

### Evaluation

- Chart/key included with information such as the state capital, bird, flower, rock, tree, and slogan or popular name
- 50 lessons including definitions, Bible verses, and quotations to be copied into a character notebook
- 10 lessons including patriotic songs, poems, documents, and quotes from famous Americans that can be copied into a patriotic notebook
- Progress report boxes (11)
- Tests (32)

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### Skills Development

- Achieve good writing position:
  - Sitting properly in desk
  - Holding pencil correctly
  - Slanting paper correctly
- Perfect writing skills for a good overall appearance:
  - Correctly writing all upper- and lowercase letters and numbers 0–9
  - Performing correct warm-up procedure using slants, ovals, and basic letter strokes
  - Keeping letters uniform in size, slant, and spacing, and making them touch the line
  - Writing letters  $\frac{3}{4}$ -space high, using single spacing
  - Observing margins

- Writing slowly and carefully
- Making smooth connections between letters
- Using key strokes: slant, loops, tails, humps
- Demonstrate ability to copy from print into cursive
- Evaluate writing for personal improvement
- Activities including written practice and review
  - Phonics skills review of all vowels and consonants as well as 132 special sounds
  - Dictionary skills used during Animal Dictionary Study
  - Accurately reading charts and grids practiced during state and province study
  - Creative writing practice includes 99 original sentences practicing good sentence structure

## Language Arts: Spelling & Poetry



Third graders will increase their vocabulary as they study the spelling and vocabulary words found in *Spelling and Poetry 3*. Each list contains words from everyday life and “content words” that include terms from other academic areas. Students will learn to spell and define two to three vocabulary words with each list and learn to use them in good original sentences. They will also build spelling and vocabulary skills by completing a variety of practice exercises.

The poetry section acquaints students with a wide variety of good poetry through classroom recitation and memorization. By discussing the meaning and purpose of each poem, students will develop their comprehension skills.

### Added Enrichment

- Spelling lists (34):
  - Spelling words (664)
  - Vocabulary words and definitions (100)
- Practice exercises (34)
- Spelling games (19)
- Pronunciation key
- Glossary of vocabulary words includes pronunciation and definition of each vocabulary word

- Character-building quotations
- Teacher resources:
  - Sentence banks
  - Practical spelling tips and suggestions
- Poetry:
  - Poem introductions include:
    - Discussion ideas, historical content
    - Suggested motions, enrichment activities

### Evaluation

- Spelling tests (33)

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### Spelling Skills Development

- **Master spelling 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
  - Apply spelling and phonics concepts through daily:
    - Teacher-directed oral practice
    - Independent written practice
  - Develop dictionary skills
  - Recognize misspelled words in pairs or sentences
  - Learn spelling 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
- **Know how to form contractions**

### Poetry Skills Development

- **Memorize 8 lyrical poems**
  - 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 through thinking questions
- **Discuss meaning and purpose of poems**
- **Use proper observation of punctuation**

## Arithmetic



A thorough review of the facts and concepts students learned in grades 1 and 2 provides the foundation for new material covered in *Arithmetic 3*. Extensive work is provided in multiplication and division; word problems up to four steps; Roman numerals; averaging numbers; standard measures; equations; and adding, subtracting, and reducing fractions. Students also benefit from the abundance of review problems as well as supplementary problems designed to meet individual needs.

### Evaluation

- Skills development exercises (138)
- Tests (32)

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### Numbers

- Place value: ones, tens, hundreds, thousands; money
- Writing numbers:
  - From dictation to ten thousands' place
  - From number words
- Roman numerals:
  - Value of I, V, X, L, C, D, M
  - Counting 1–30
  - Basic rules: the numeral V may not be repeated or subtracted
  - More complex rules for forming Roman numerals
  - $>$ ,  $<$ ,  $=$
  - Finding missing Roman numerals
- Number sentences:
  - With unknowns
  - Greater/less than
  - Order of operations (parentheses)

### Addition

- Recognize symbols:  $=$  (equal) and  $\neq$  (not equal)
- Addition families 1–18: mixed order
- Timed mastery
- Terms: addend, sum
- Missing number
- Missing sign
- Word problems:
  - Clue words: in all, altogether, how many (much) more (in a statement)
  - Problem set up
- Money:
  - Adding:
    - Dimes and pennies
    - Nickels and pennies
    - Dimes, nickels, pennies
    - Any combination of half dollars, quarters, dimes, nickels, and/or pennies by converting to cents
- Principles:
  - Commutative
  - Associative
- Mental arithmetic: problems combining addition, subtraction, multiplication, and division up to 5 numbers
- Carrying to any place value
- Checking by addition
- Addends: column addition
- Averaging
- Fractions
- Measures

- Number sentences:
  - With unknowns
  - With greater/less than
  - Order of operations (parentheses)

### Subtraction

- Subtraction families 1–18: mixed order
- Timed mastery
- Missing number
- Missing sign
- Mental arithmetic: problems combining subtraction, addition, multiplication, and division up to 5 numbers
- Subtracting with any number of digits, money
- Word problems:
  - Clue words: how many (much) more, have left, less, fewer, how much change
  - Terms: minuend, subtrahend, difference
- Borrowing:
  - From any whole number in any position
  - With any number of zeros in the minuend
- Checking by addition
- Fractions
- Measures
- Number sentences:
  - With unknowns
  - With greater/less than
  - Order of operations

### Multiplication

- Multiplication tables:
  - 0–5
  - 6–12
- Word problems:
  - Clue words: twice, times as many, per
- Principles:
  - Commutative
  - Associative
- Timed mastery
- Terms: factor, product, partial product
- Missing number
- Missing sign
- Mental arithmetic: problems combining multiplication, division, addition, and subtraction up to 5 numbers
- Multiplying:
  - With any number of digits in first factor
  - With up to 2 digits in second factor

## Arithmetic *cont.*

### Multiplication *cont.*

- Carrying:
  - To the tens', hundreds', and thousands' places
  - In problems with 2-digit multiplier
- Checking by reversing factors
- Number sentences:
  - With unknowns
  - With greater/less than
  - Order of operations (parentheses)

### Division

- Recognize symbols:  $\div$  and  $\overline{\hspace{1cm}}$
- Division tables:
  - 1–5
  - 6–12
- Word problems:
  - Clue words: divided equally, shared equally
- Steps of division
- Terms: dividend, divisor, quotient
- Short division
- Missing number
- Timed master
- Mental arithmetic: problems combining division, multiplication, subtraction, and addition up to 5 numbers
- Divisors: 1 and 2 digits
- Dividends: any number of digits, money
- Remainders: writing as a fraction
- Checking by multiplication
- Money
- Averaging
- Number sentences:
  - With unknowns
  - With greater/less than
  - Order of operations (parentheses)

### Fractions

- Parts of a whole:
  - Halves, thirds, fourths
  - Fifths, sixths, sevenths, eighths, ninths, tenths
  - Any fractional part
- Parts of a group: any fractional part
- Finding the fractional part of a whole number:
  - With a mixed number as the answer
- Word problems
- Timed mastery
- Reading and writing fractions
- Number line
- Types: equivalent, mixed, for a whole number
- Reducing to lowest terms
- Adding:
  - With a common denominator
  - Mixed numbers with a common denominator
- Subtracting:
  - With a common denominator
  - Mixed numbers with a common denominator
  - Comparing fractions

### Decimals

- Money:
  - Use of dollar sign and decimal point in addition
  - Use of dollar sign and decimal point in subtraction, multiplication, division

### Problem Solving & Applications

- Word problems:
  - Steps of problem-solving process
  - Addition, subtraction, multiplication
  - Division
  - Fractions, money
  - Measures:
    - Dry measures of capacity
    - Feet and yards in a mile
    - Liter
    - Converting measures
    - Measurement problems
  - Clue words
  - Up to 4 steps
  - Mixed operations
- Applications:
  - Puzzles
  - Multiple combinations
  - Time, length, money, weight, fractions

### Time

- Clock: face, hour/minute hands
- A.M. and P.M.
- Reading and writing time
- Table of time:
  - Seconds, minutes, hours
  - Days, months
  - Calendar, year
  - Leap year

### Money

- Recognition and value of all coins
- Counting and combining all coins
- Recognize symbols: \$ (dollar sign) and . (decimal point)
- Word problems, making change
- Addition
- Subtraction, multiplication, division; equations

### Measures

- Temperature:
  - Reading and writing
  - Terms: degrees
  - Fahrenheit:
    - Freezing and boiling points of water; normal body temperature
  - Celsius:
    - Freezing and boiling points of water
    - Normal body temperature
- Length:
  - English system: inch, foot, yard
  - Mile
  - Metric system: centimeter, meter

## Arithmetic *cont.*

### Measures *cont.*

- Weight:
  - English system: ounce, pound
  - Ton
  - Metric system: gram, kilogram
- Capacity:
  - English liquid measures: cup, pint, quart, gallon
  - English dry measures: pint, quart, peck, gallon, bushel
  - Metric system: liter
- Ordering measures least to greatest
- Converting from one measure to another within same system
- Adding unlike measures within same system
- Subtracting unlike measures within same system

### Graphing, Statistics, Probability

- Statistics: averaging

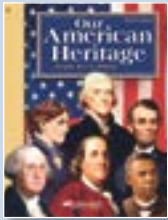
### Geometry

- Plane figures:
  - Recognize and draw shapes:
    - Circle, rectangle, square
    - Parallelogram, rhombus
    - Triangle
    - Trapezoid
  - Recognize right angle, parallel lines

### Pre-Algebra

- Finding the unknown number in an equation

## History & Geography



*Our American Heritage* is a biographical study of the people who made an impact on American history through their character, contributions, and courage. Students will be inspired as they learn more information about these great Americans. This chronologically arranged introduction to American history makes it easier for students to remember important events and provides them with valuable heroes and role models. This 89-lesson course is taught in the spring semester.

### Added Enrichment

- Important words and names boxes
- Timeline of 10 important dates to clearly show time period relating to the 22 people studied
- Important places boxes with map(s) (16)

- Comprehension checks (40)
- Stop and Think sections: considering how to impact our country for good
- Geography worksheets (18)

### Evaluation

- Quizzes (19)
- Tests (7)

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### Study of Our American Heritage through Biographies of Great People

- Christopher Columbus: discovery of America
- John Smith: founding of Jamestown
- Pocahontas: helped save Jamestown
- Miles Standish: Pilgrim leader, founding of Plymouth Colony
- Squanto: an instrument of God, Pilgrims
- William Penn: Quaker, founder of Pennsylvania
- Benjamin Franklin: writer, inventor, ambassador, Constitutional Convention
- George Washington: general during the War for Independence, first President, Mount Vernon
- Thomas Jefferson: Declaration of Independence, third President, Monticello, Jefferson Memorial
- Daniel Boone: French and Indian War, pioneer, Wilderness Road
- Noah Webster: *The Blue-Backed Speller*, an American dictionary
- John Greenleaf Whittier: "Snow-Bound"
- Robert E. Lee: Civil War; general of Confederate Army; Arlington, Virginia, Lee's home
- Abraham Lincoln: sixteenth President, Civil War, ended slavery, assassinated, Lincoln Memorial
- Clara Barton: American Red Cross Society

- Ulysses S. Grant: Union general, eighteenth President
- Louisa May Alcott: stories about pioneer life—*Little Women*, *Little Men*
- Booker T. Washington: founder of Tuskegee Institute
- George Washington Carver: director of agriculture at Tuskegee Institute
- Laura Ingalls Wilder: stories about pioneer life—*Little House in the Big Woods*, *Little House on the Prairie*, *On the Banks of Plum Creek*, *By the Shores of Silver Lake*
- Billy Sunday: baseball, Chicago "White Stockings," great evangelist
- Martin Luther King, Jr.: segregation ends, Rosa Parks, "I Have a Dream"

### Geography Study

- Globe, continents, oceans
- Map skills:
  - Map key, compass rose, map grid, distance scale
  - Directions
- 50 states taught and reviewed in sections; identification and location of specific states
- Appalachian Mountains
- Gulf of Mexico, Great Lakes, Mississippi River
- Canada, Mexico
- Rocky Mountains, Yellowstone National Park, Grand Canyon National Park, Yosemite National Park

## Science



Beginning with the most important part of God's creation, man, *Exploring God's World* teaches students about the human body, with an emphasis on the sense organs and how they work. After exploring the world of plants, students will learn how to classify animals as vertebrates and invertebrates. Students will also "visit" the ocean, desert, pond, forest, and field to observe plants and animals in these environments. *Exploring God's World* concludes with a study of the weather. This 75-lesson course is taught in the fall semester.

### Added Enrichment

- Hands-on learning activities in daily lessons (18)
- Worksheets (4)
- CDs (2; with 16 related stories)

### Evaluation

- Quizzes (18)
- Tests (6)

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

### Human Biology

- Nervous System: brain, nerves, spinal cord
- Sense Organs:
  - Eyes:
    - Detailed diagram of eye
    - Parts of the eye:
      - Iris, pupil, lens, retina
      - Optic nerve
    - Protection:
      - Tears, glasses
  - Ears:
    - Sound:
      - Vibrate, sound waves
    - Detailed diagram of ear
    - Parts of the ear:
      - Eardrum
      - Outer ear, auditory (hearing) canal, middle ear, hammer, anvil, stirrup, cochlea, auditory nerve
    - Protection
  - Nose:
    - Odors: molecules
  - Tongue:
    - Taste buds: sweet, salty, sour, and bitter
  - Skin:
    - Touch, pores
    - Sensitivity, perspiring, scab
    - Protection

### Activities & Demonstrations:

- Watching the pupil change sizes
- Discovering that two eyes are better than one
- Making a tin-can telephone
- Locating taste buds
- Demonstrating:
  - Molecules traveling through the air
  - Sensitivity of nerve endings in the skin (2)
  - Growth of nails

### Plants

- Seeds:
  - Seed coat
  - Necessary for growth: water, soil, air, right temperature
- Flowers:
  - Pollination
- Stems
- Leaves:
  - Photosynthesis
- Roots

- Other ways of growing plants:
  - Stems, shoots, buds, and cuttings
  - Spores and mosses

### Activities & Demonstrations:

- Finding a baby plant
- Growing plants from a sweet potato and white potato
- Growing a plant from a cutting and a mold
- Studying a piece of moss
- Making a spore print

### Vertebrates

- Characteristics: backbones, inside skeleton, classified into five groups
  - Correlating worksheets (2)
- Mammals: make milk, have hair, no more than four limbs, warm-blooded, lungs
- Fish: gills, fins, cold-blooded
- Amphibians: gills and lungs, smooth, moist skin, lay eggs, cold-blooded
- Reptiles:
  - Characteristics: lungs, dry scales, cold-blooded
  - Examples: snakes, lizards
- Birds: feathers, wings, two legs, lungs, bills or beaks, egg tooth

### Invertebrates

- Characteristics: no backbone, weak muscles, small animals with soft bodies, outside skeletons if they have them, cold-blooded
- Kinds of invertebrates:
  - Earthworms:
    - Setae, ten hearts
  - Octopuses: tentacles, defense system, siphon
  - Starfish: tube feet, no mouth, can grow a new arm if one is lost
- Insects:
  - Biggest group of invertebrates
  - Three main characteristics:
    - Six legs
    - Three body parts:
      - Head, thorax, abdomen: spiracles
      - Outer skeleton
    - Complete metamorphosis
    - Senses: compound eye, antennae
  - Protection:
    - Camouflage
    - Mimicry
  - Spiders:
    - Two body parts, spiderlings, ballooning
    - Examples: bolas spider, water spider

### Activities & Demonstrations:

- Observing insects closely



## Science *cont.*

### **The Desert**

- Animals: kangaroo rat, desert tortoise, jack rabbit
- Plants: thorns, waxy coats, prickly pear
- Homes: protection from heat
  - Birds: cactus plants
  - Snakes: crevices of rock
- Amphibians: desert toad

#### **Activities & Demonstrations:**

- Over-watering desert plants

### **The Ocean**

- Oceanography, oceanographers
- Minerals of the sea: mineral, salt, calcium
- Why is the ocean so salty?
- The ocean's energy: always moving
- Life in the ocean: plankton, baleen whale
- Ocean plants make food: algae, food chain
- Tide pools
- The ocean floor: sonar, coral reefs, sediment

#### **Activities & Demonstrations:**

- Discovering why the ocean is salty
- Making some limestone

### **The Pond**

- The pond community: freshwater
- Plants: pondweed
  - Fish, birds
- Muskrat
  - Amphibians:
    - Frogs
      - Salamanders
  - Reptiles: turtles, snakes
  - Invertebrates:
    - Insects:
      - Dragonfly, damselfly, mosquito
        - Back swimmer, water boatman, whirligig
        - Water strider, surface film
      - Worms, spiders
        - Snails

#### **Activities & Demonstrations:**

- Observing protozoans in a drop of water
- Seeing how oxygen is dissolved in water
- Observing the surface of the water
- Taking a walk by a pond

### **The Forest**

- The forest community:
  - Depends on trees
  - Sapsucker, ants

- Food in forest: green plants, trees, food chain
  - Correlating worksheet
- Tiny forest plants: fungi, bacteria, mushrooms, toadstools
- Trees:
  - Crown, trunk, heartwood, sapwood, bark, annual rings
  - Autumn colors: nitrogen
- Enjoying the forest: camouflage

### **The Farmer's Field**

- Soil
  - Topsoil, subsoil
  - Fertile soil
  - Taking care of the soil: rotate, fertilizer
  - Soil erosion: gullies
- Animals in the farmer's field
  - Earthworms, moles: underground homes
    - Shrews, skunks, field mice

#### **Activities & Demonstrations:**

- Finding what's in the soil
- Making an earthworm farm
  - Taking a walk through a field

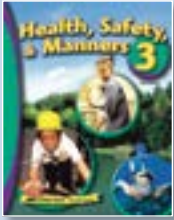
### **Weather**

- Definition of weather
- Atmosphere:
  - Heat
  - Water:
    - Water vapor
      - Three forms: solid, liquid, gas
  - Wind
- Water cycle: condensation, precipitation, evaporation
  - Correlating worksheet
- Types of precipitation:
  - Rain, snow
    - Sleet, hail
- Storms:
  - Thunderstorms:
    - Humid, lightning
  - Hurricane
  - Tornado:
    - Twister

#### **Activities & Demonstrations:**

- Discovering what evaporates faster
- Finding out if warm air rises
- Making rain clouds

## Health



The purpose of *Health, Safety, and Manners 3* is to teach students about the body God has given them and to encourage them to practice good health, safety, and manners habits each day. Third-grade students enjoy learning about good posture, personal hygiene, exercise, nutrition, courtesy, first aid, safety, and spiritual growth.

### Added Enrichment

- Comprehension Checks (25)
- Something You Can Do boxes (42)
- Terms to Remember and Habits to Form boxes (29)
- The Manners Twins and Safety Sam
- Review worksheets for specific topics (2)
- Physical exercises (6)
- Fun games (3)

### Evaluation

- Quizzes (15)
- Tests (4)

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### Health

- Posture:
  - Sitting, standing, walking
  - Bending, pulling, lifting, pushing
  - Bones: skull, scapula, clavicle, humerus, sternum, ribs, vertebrae, pelvis, femur, patella, phalanges
  - Correlating worksheet
  - Good posture habits:
    - Head up, shoulders back, back straight, abdomen in
    - Toes forward
- Muscles, exercise, and rest:
  - Muscles:
    - Voluntary muscles: skeletal muscles, biceps, triceps, trapezius, abdominal, facial
    - Tendons
    - Involuntary muscles: heart and cardiac muscle, diaphragm
  - Exercise:
    - Importance
    - Fresh air
    - Protein foods
    - Endurance exercises:
      - Running, jumping, and swimming
      - Strengthens heart and lungs
  - Good habits for rest:
    - Taking a day of rest each week
    - Amount of sleep needed
    - Same bedtime each night; going right to sleep
- Nutrients:
  - Digestive system: esophagus, stomach, small and large intestines, digestive juices
  - Good digestion habits:
    - Chewing food well
    - Eating meals at regular times
    - Resting or playing quietly for a while before and after meals
    - Getting fresh air and exercise
    - Not eating too much at a time
    - Being pleasant at the table
  - Sources and benefits of nutrients: protein; vitamins A, B, C, D, K; minerals; carbohydrates; fats and oils; water and fiber
  - Balanced diet:
    - Food Pyramid's 5 groups: grains, vegetables and fruits, milk, meat and beans, oils
  - Good breakfast, lunch, and dinner
  - Good food choices:
    - Milk; lean protein foods; foods rich in vitamin C
    - Variety of cooked and raw vegetables
    - Fruit or fruit juice
    - Whole-grain foods: bread, cereal, rice, and pasta
    - Fats, sugar, and salt
  - Mealtime:
    - Manners: using plate, glass, napkin, serving bowl and spoon, eating utensils
      - Correlating worksheet
      - Helpers: clothing; jobs
    - Food labels:
      - Check the date
      - Check the ingredients:
        - Sugars: honey, molasses, sucrose
    - Causes of malnutrition
  - Good mealtime habits:
    - Coming to the table clean and on time
    - Thanking God for the food
    - Keeping the hand that is not in use in your lap
    - Keeping elbows off the table
    - Taking small bites; chewing food well
    - Not talking with food in mouth; chewing with mouth closed
    - Using napkin properly
    - Eating a little bit of every food on the table
    - Keeping conversations pleasant
  - Personal hygiene: cleanliness, neatness
    - Good cleanliness habits:
      - Bathing daily, with clean washcloth and towel
      - Washing hands properly
      - Keeping nails clean and trimmed
      - Hair grooming: shampooing, using a brush or comb
      - Wearing clean underclothes
      - Wearing clean socks
    - Skin:
      - Parts: epidermis, dermis, sweat glands, oil glands
      - Personal care: bathing, hand-washing, cuticle care

## Health *cont.*

### Health *cont.*

- Hair: washing, lice prevention
- Teeth:
  - Parts and kinds: crown, cusp, root, incisor, cuspid, bicuspid, molar
  - Orthodontist
- Good dental hygiene habits:
  - Brushing teeth:
    - Fluoride toothpaste
    - Flossing teeth
  - Regular dental checkups
- Disease:
  - How germs enter the body
  - Infectious diseases
  - Food preparation
  - Disease prevention and cures:
    - Antibodies, vaccine, smallpox, immunization
    - Bacteria, virus, colds, antibiotic
    - Tonsillitis, bronchitis, pneumonia, tuberculosis, tetanus, cancer
  - Edward Jenner, Florence Nightingale, Louis Pasteur
  - Good health habits:
    - Eating a well-balanced diet
    - Getting adequate exercise, fresh air, and sleep
    - Keeping your body clean
    - Having regular doctor and dental checkups
    - Staying away from those who have an infectious disease
    - Not sharing drinking glass or foods
    - Preventing the spreading of cold germs: coughing and sneezing
    - Not spitting
    - Keeping a clean home
    - Keeping food clean and covered
    - Keeping garbage can covered
    - Using handkerchiefs and tissues
  - Good habits during sickness:
    - Drinking liquids
    - Getting plenty of rest
    - Eating nourishing foods
- First Aid:
  - Artificial respiration; signs of infection
  - Types of wounds: cuts, scrapes, abrasions, punctures, slivers, blisters, bruises, burns, nosebleeds
  - Scab; sterile; antiseptic
  - Simple and compound fractures
  - Strains and sprains
  - Bites and stings: black widow, brown recluse, rabies
  - Poisoning
  - Electrical shock
  - Practicing good first aid:
    - Treating an injury with clean hands
    - Keeping the bandage sterile
    - Letting scabs heal
    - Cleaning open wounds
    - Treating blisters, bruises, burns, broken bones, sprained joints, strained muscles correctly
    - Removing an insect stinger or a tick
  - Treating snakebites

- Dealing with breathing a harmful gas
- Helping someone who is hurt by electricity
- Spiritual, social, and mental health:
  - Promoting spiritual growth: God's Word, prayer, witnessing, obedience
  - Promoting good social health: putting others first
  - Promoting good mental health:
    - Using your mind
    - Forming good study habits
    - Thinking right thoughts
    - Having regular responsibilities
    - Maintaining a cheerful attitude

### Safety

- Learn safety habits for preventing falls:
  - Reaching high items with a stepladder
  - Keeping things picked up and put away
  - Cleaning up spilled water or food immediately
  - Replacing burned-out light bulbs
- Learn to play safely:
  - Not playing in the street
  - Not playing around workmen
  - Listening to your body concerning rest
  - Being a good sport
- Recognize poisonous plants: poison oak, poison ivy, poison sumac
- Practice street safety:
  - Around strangers; pedestrians
  - Crossing a busy intersection; dusk
  - Getting out of a bus
  - Know these traffic signs:
    - Stop sign; warning sign; railroad warning and crossing signs
    - School sign
    - Street safety habits:
      - Where to safely walk on a street
      - Crossing busy street; between parked cars
      - Light-colored clothing for walking at night
- Bicycle safety:
  - Ride on right side of the street
  - Keep bike in good working condition
  - Know bicycle hand signals
    - Correlating worksheet
  - Ride slowly in the rain
  - Always wear a safety helmet
  - Walk your bicycle across busy intersections
  - Ride single file when with a group
- Water safety:
  - Staying afloat
  - Getting in a boat
  - Calling for help
  - Getting a cramp
  - Water safety habits:
    - Never swim alone
    - Get out of the water when tired or cold
    - Never jokingly call for help
    - Never swim during an electrical storm

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## Health *cont.*

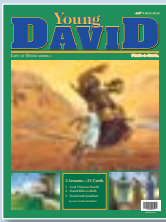
### Safety *cont.*

- Fire safety:
  - Fire drills
  - Carbon monoxide
  - Flammable liquids
- Fire safety habits:
  - Burning buildings; exiting from a building that is filled with smoke
  - Stop, drop, and roll
  - Tending a campfire

### Manners

- Being polite, thoughtful:
  - Saying "please," "thank you," "I'm sorry," "excuse me"
  - Not chewing gum in public places
  - Disposing of litter
- Showing respect to older people
- Special manners for boys and girls
- Polite conversation
- Telephone courtesy: answering, dialing the wrong number
- Making introductions
- Company manners
- Good habits while playing:
  - Taking turns; letting others be first; following the rules
  - Playing your best for your team; being a good sport when losing
- Thinking of others

## Bible



As students embark on their third-grade Bible studies, they will be excited about the new Bible stories they will be learning. These stories include Old Testament Bible characters such as Samuel, David, Elijah, Elisha, Daniel, Esther, Ezra, and Nehemiah. As children listen to the events leading up to King David's rule, they will see the contrast between King Saul and David. Students will hear examples of David's heart toward God and that true obedience comes from the heart. Students will be challenged to examine their own hearts in their walk with God.

### Evaluation

- Graded memory verse passages (9)
- Content tests (6)

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### Lessons 390 Abeka Flash-a-Cards

- Salvation Series (5 lessons)
- Parables of Jesus Series 1 and 2 (12); Life of Samuel (4)
- Young David (3); David in Hiding (4)
- First Christmas (5)
- Elijah (6); Elisha (8); Daniel (6); Esther (5); Ezra and Nehemiah (7)
- Crucifixion and Resurrection (9); The First Thanksgiving

### Music 36 songs

- Hymns of the faith, patriotic songs, holiday songs, choruses including:
  - 8 new hymns and songs; 8 new choruses

### Memory Work

- New passages (9) containing 34 verses
- Review verses (54)

### Doctrinal Drill 37 questions/answers

- Increase Bible knowledge of basic doctrines: the Bible, God, sin, salvation, heaven, assurance of salvation

### Prayer Time

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

## Music



*Songs We Enjoy 3* brings together many of the traditional, patriotic, holiday, and fun songs that American children have enjoyed singing for generations. Today's children still love these songs. The sing-along CD makes song time easy for the teacher and delightful for the students.

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### ***Skills Development*** 64 songs

- Explain meaning of 19 unfamiliar phrases or words in lyrics
- Sing rounds in two or more parts
- Follow a song leader while singing together with class or CD
- Benefit from fun activities that spark and keep interest:
  - Echo parts, whistling
  - Group parts
- Learn patriotism through patriotic music and folk songs

### ***Variety of Songs to Memorize***

- Folk, fun songs, spirituals and gospels, patriotic, holiday, Americana

## Arts & Crafts



*Art Projects 3* features some simplified and some finely detailed crafts. Students are introduced to the concept of secondary colors, the colors of the spectrum, and the use of perspective. Coloring, drawing, modeling, painting and texture techniques build upon what third graders have previously been taught. Students enjoy creating three-dimensional forms using several types of media.

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### ***Skill & Concept Development*** 39 projects

- Develop concepts through:
  - Primary colors; secondary colors; complementary colors (10):
    - Mixing/blending colors (4)

### ***Technique Development***

- Enhancing techniques through:
  - Direction coloring; drawing; 3-D forms (47)
  - **Painting** (8)
  - **Smudging; mixed media collage; mosaics; mobiles** (5)
  - Underhand grip and shading (5)