

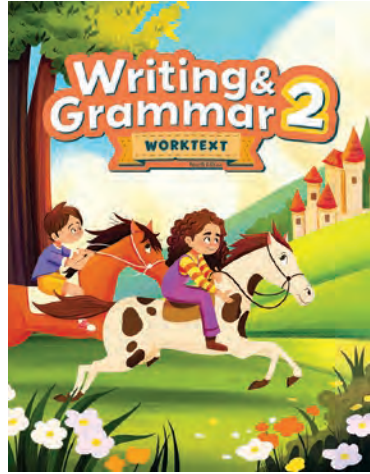
Scope & Sequence

2026 | Curriculum Overview by Grade



Contents

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On the cover:
Writing & Grammar 2 (4th edition)

Extended
Scope & Sequence



Scan this code for a
extended Scope &
Sequence.

Biblical Worldview
Scope & Sequence



Scan this code for a
fuller explanation of
Biblical Worldview
themes.

Color Key



Textbook used with Online



Textbook used with DVD



Teacher Edition &
Student Books

Curriculum supported by



K3–K4



Pathways for Preschool

2nd Edition



Language Comprehension and Word Recognition

- Developing background knowledge
- Constructing vocabulary
- Developing reasoning
- Introducing reading strategies
- Building phonemic awareness
- Decoding
- Recognizing letters

Heritage Studies and Science

- Building awareness of American heritage and holidays
- Identifying animals and colors
- Studying the outdoors, including plants, weather, and seasons

Related Arts

- Studying art, music, and cooking
- Developing gross motor skills

Math

- Recognizing numbers 1–12
- Counting and ordering
- Identifying sets
- Identifying basic shapes
- Measuring weight and volume

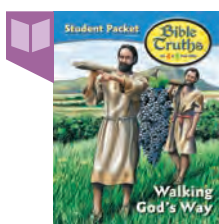
Problem-Solving

- Identifying patterns
- Sequencing and sorting

K4 Bible Truths

Walking God's Way

2nd Edition



Biblical Worldview Shaping

- Studying Christlike character traits
- Recognizing the need of Christ as Savior

Language Comprehension

- Building biblical background knowledge
- Constructing Bible vocabulary

- Reasoning, sequencing, and visual analysis of biblical narratives
- Developing biblical literacy
- Developing pre-writing skills
- Developing print awareness

Related Arts

- Creating art related to biblical narratives
- Singing songs related to biblical narratives

- Developing gross motor skills in activities related to biblical narratives

Biblical Literacy

- Building Old and New Testament literacy
- Applying biblical principles to personal life situations

Footsteps for Fours

3rd Edition



Biblical Worldview Shaping

- **Creation**—God made everything.
- **God's Love**—God loves me.
- **Bible**—The Bible is God's Word.
- **Obedience**—God wants me to obey.

Language Comprehension

- Building knowledge through weekly themes
- Building vocabulary related to weekly themes
- Recognizing language structures
- Developing reading, reasoning, and writing skills
- Developing print awareness
- Studying a variety of genres

Word Comprehension

- Building handwriting skills in the PreCursive alphabet
- Developing phonemic awareness
- Associating letters with sounds
- Recognizing medial short-vowel sounds
- Optional beginning reading strand with high-frequency words

Heritage Studies and Science

- Valuing community helpers
- Understanding God's plan for the child and family

- Developing patriotism by valuing patriotic symbols and holidays
- Observing seasonal changes
- Learning about magnets, space, and weather

Related Arts

- Beginning to cook
- Creating art and crafts related to weekly unit themes
- Developing fine and gross motor skills through activities related to weekly unit themes
- Additional music strand to complement weekly themes

Numeration

- Recognizing and writing numbers 0–20
- Making number sets

Number Sense

- Arranging by physical size
- Ordering numbers from smallest to largest
- Using dot patterns
- Categorizing quantities as equal and not equal
- Developing mathematical literacy
- Making sets to represent numbers
- Using a number line
- Determining one-to-one correspondence

Counting and Cardinality

- Counting back
- Counting sets
- Counting to 100
- Matching sets and numbers
- Using ordinals: first–tenth

Addition and Subtraction

- Performing 1-digit addition to 10
- 1-digit subtraction from 10
- Introducing calculators

Geometry

- Learning part-whole relationships
- Recognizing plane shapes
- Identifying spatial relationships
- Identifying spatial patterns
- Estimating height, length, and quantity

Measurement and Data

- Sorting and classifying objects by attributes
- Measuring using standard and nonstandard units
- Using graphs and calendars
- Telling time to the hour
- Identifying bill and coin values

Problem-Solving

- Sequencing patterns and events
- Identifying objects that do not belong in a set



K5

Focus on Fives

4th Edition



Biblical Worldview Shaping

- **God**—Praising God for being both great and good
- **Creation**—Thanking God for the world He has made
- **Bible**—Affirming that the Bible is God's Word and is true
- **Service**—Proposing ways for people to serve God and others

Language Comprehension

- Building background knowledge
- Building vocabulary
- Learning language structure
- Developing reasoning
- Building literacy knowledge
- Developing print awareness

Word Recognition

- Developing phonemic awareness
- Associating letters with sounds

- Developing phonics skills: consonants, short vowels, plural words, blends and digraphs, vowel patterns
- Building decoding skills
- Developing sight recognition
- Developing encoding skills

Reading Comprehension

- Sequencing and predicting events
- Analyzing images
- Retelling stories
- Participating in a discussion

Handwriting

- Beginning letter formation
- Developing good slant, alignment, posture, paper position, and pencil hold

Heritage Studies

- Geography: US landmarks

- History: Native Americans and colonial life
- Culture: families, community helpers, Hispanic culture, Bible times, farming, American celebrations

Science

- Appreciating God's creation
- Life science: animals, the human body, plants
- Physical science: magnets
- Earth science: water and the oceans, sun, moon, rocks, weather, and seasons

Related Arts

- Creating art
- Developing fine and gross motor skills
- Integration of music and musical games

K5 Bible

Exploring God's Word

1st Edition



Biblical Worldview Shaping

- **Forgiveness**—Recalling that forgiveness is available in Christ
- **Glory**—Describing what makes God most important in the world
- **Kingdom**—Summarizing how people can be part of God's kingdom on earth
- **Law**—Explaining who makes the rules and where the rules are found

Bible Content

- Chronological study of the Old and New Testaments
- Bible stories from both the Old and New Testaments that demonstrate each biblical worldview theme

Historical Figures

- Adam and Eve, Noah, Abraham, Joseph, Moses, Joshua, Gideon, Samuel, David, Elijah, Jonah, Jesus, Peter, and Paul

Doctrines

- Explores God's Word from Genesis to Revelation to discover what God is doing to redeem His fallen creation

Christian Living Application

- Applies the biblical worldview shaping themes through discussions and other active learning strategies

Bible Truths

- The Bible
- Creation, the Fall, and Redemption

- God's promises to Adam, Noah, Abraham, Moses, and David
- Judges, priests, kings, and prophets
- The captivity and return of Israel
- The life of Christ
- The early church
- The new creation
- Prayer
- Missions

Bible Truth Songs

- 32 songs that correspond to the biblical content of each week's content focus

Bible Memory

- 32 verses

K5 Math 5th Edition



Biblical Worldview Shaping

- **God**—Recalling that math teaches that God is great and God is good
- **Creation**—Describing how math testifies to a Creator
- **Serving**—Summarizing how math equips people to serve God and others

Numeration

- Identifying numbers 0–100
- Writing numbers 0–100

Number Sense

- Comparing numbers
- Composing and decomposing numbers
- Dot patterns
- Identifying teen numbers as 10 and some more
- Ordering numbers: before, after, and between
- Place value: ones and tens
- Recognizing number patterns

Counting and Cardinality

- Counting and making sets to 20
- Counting by 1s and 10s to 100
- Counting on from any given number to 100
- Representing the quantity of a number
- Ordinals: first–tenth, next, last

Addition

- Describing addition as putting together or adding to
- Adding within 10
- Fluently adding within 5
- Representing addition sentences visually
- Telling a story for a number sentence

- Explaining the sum
- Writing number sentences (equations)
- Using vertical form
- Renaming 10 ones as 1 ten

Subtraction

- Describing subtraction as taking apart or taking from
- Subtracting within 10
- Fluently subtracting within 5
- Finding the unknown part
- Representing subtraction sentences visually
- Explaining the difference
- Writing number sentences (equations)
- Using vertical form

Fractions

- Counting equal parts in a whole
- Explaining equal parts and unequal parts
- Partitioning a whole into equal parts
- Identifying fractions as part of a set of objects
- Relating fractions and fair share

Algebra

- Part-whole relationship
- Writing addition and subtraction sentences (equations)
- Relationship between addition and subtraction
- Using addition properties

Geometry

- Identifying and describing plane shapes (2-D)
- Identifying and describing solid shapes (3-D)

- Identifying shapes by their properties: corners, faces, and curved sides
- Constructing shapes with manipulatives
- Drawing shapes
- Combining shapes to form larger shapes
- Describing and comparing shapes
- Identifying spatial relationships
- Identifying shape patterns (color, shape, and size)

Estimation

- Estimating the number of objects
- Estimating measurements

Measurement and Data

- Sorting and classifying objects by attributes (number, color, size, and shape)
- Describing and comparing measurable attributes
- Measuring with a variety of tools in various units and quantities
- Telling and writing time
- Using a calendar
- Identifying and using money

Problem-Solving

- Solving addition, subtraction, multiplication, and division word problems
- Using a problem-solving plan
- Solving multi-step problems

Statistics and Graphs

- Making and interpreting graphs
- Probability

STEM

- Following the Engineering Design Process to solve a problem



Grade 1

Bible 1 Truths for Life 1st Edition



Biblical Worldview Shaping

- **Ultimate Reality**—Explaining what it means for God to be most important
- **Human Identity**—Describing what it means to be made in God's image
- **Human Purpose**—Relating loving God to glorifying Him
- **The Problem of Evil**—Summarizing what has gone wrong with the world
- **Redemption from Evil**—Explaining how God is fixing the world
- **Morality**—Relating biblical morality to the importance of obedience

Bible Content

- Bible stories from both the Old and New Testaments that demonstrate each Bible Truth

Historical Figures

- Adam, Moses, David, Jesus, Peter, and Paul

Doctrines

- Includes the doctrines of God, God's works, the Fall, Christ, salvation, Christian living, and the end times

Christian Living Application

- Shows students their need of Christ as Savior and demonstrates ways to apply biblical principles to personal-life situations

through character traits used in application stories

Bible Truths

- 43 of the complete set of 147 nondenominational Bible Truths questions and answers organized under 7 biblical doctrines

Bible Truth Songs

- 43 songs that help students learn the 43 Bible Truths

Bible Memory

- 43 Bible Truth responses
- 7 memory verses to support the seven doctrinal themes

Science 1 4th Edition



Biblical Worldview Shaping

- **Design**—Explaining how design in creation reflects the work of God
- **Human Element**—Recalling that God made people to rule over His creation
- **Origins**—Explaining how the Bible reliably explains where the world came from
- **Purpose**—Describing how science enables people to carry out the Creation Mandate

General Science

- Describing science
- Defining science
- Explaining the importance of science
- Identifying the five senses and the body part used with each sense
- Describing what scientists do
- Describing various STEM careers
- Describing the effect of a scientist's worldview on his work
- Demonstrating science process skills
- Using science tools
- Following the steps of the scientific inquiry process

Physical Science: Waves

- Light
- Describing the properties of light
- Identifying the origin of light

- Describing sources of light as natural or manmade
- Predicting the effect of light on different objects
- Light effects: transparency, translucency, opacity, shadow formation and changes, reflection, illumination
- Identifying the characteristics of sound
- Relating sound and the ear to God's design in Creation
- Identifying changes in sound: volume, pitch
- Communication with light and sound
- Explaining how light and sound are used to communicate to those around us
- Explaining how light and sound are used to communicate over distances

Life Science: Ecosystems

- Identifying the characteristics of living things
- Identifying the characteristics of nonliving things
- Classifying things as living or nonliving

Life Science: Plants

- Identifying the needs of plants
- Identifying the uses of plants
- Identifying the effects of the Fall on plants

- Identifying the parts of plants
- Roots, stems, leaves, and flowers and their functions
- Describing the stages of the life cycle of plants
- Seeds and seedlings
- Adult plant
- Comparing plants to their offspring

Life Science: Animals

- Identifying the needs of animals
- Explaining that God created animals and their environment to work together to survive and grow
- Identifying external characteristics of fish, birds, and mammals
- Classifying animals
- Relating the function of animal body parts to their survival and growth
- Describing the stages of the life cycle of animals
- Comparing animals and their offspring
- Identifying the effects of the Fall on animals

Life Science: The Human Body

- Comparing the needs of animals to the needs of people
- Explaining the origin of the human race

- Describing the outside parts of the human body
- Describing the inside parts of the human body
- Caring for the human body
- Showing kindness and respect in words and actions
- Identifying safe and healthy habits

Earth and Space Science: The Atmosphere

- Identifying the causes of the seasons
- Sequencing the cycle of the seasons
- Identifying the characteristics of each season
- Sequencing the movement of water in the water cycle
- Identifying the appearance of the sky in relation to clouds

- Identifying types of precipitation
- Predicting the weather based on the observation of weather conditions

Earth and Space Science: The Cosmos

- Explaining the origin of the earth, sun, moon, and stars
- Evaluating false views of the origin of the earth, sun, moon, and stars
- Describing the earth's rotation and revolution
- Identifying the sun as a star
- Identifying the properties of the sun
- Predicting the sun's pattern across the sky
- Identifying the characteristics of stars

- Identifying the telescope as a tool to observe the stars
- Identifying the Big Dipper, the Little Dipper, and the North Star
- Identifying the characteristics of the moon
- Identifying the moon's pattern across the sky
- Predicting the moon's phases

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Keeping my pencil on my desk
- Removing unwanted plants
- Copying God's design
- Designing safe shoes
- Making a stringed musical instrument
- Helping with light or sound

Heritage Studies 1

Family and Community

4th Edition



Focus

- Developing a biblical worldview of the family, community, jobs, land, and the United States

Biblical Worldview Shaping

- **Church**—Defending the value of the church for families
- **Citizenship**—Explaining the rights and responsibilities of citizens
- **Family**—Explaining the importance of the family to the community
- **Government**—Explaining the biblical purpose of government
- **Work**—Explaining how God designed work to benefit other people

Social Studies Skills

- Maps, map creation, addresses, and landmarks
- Sorting and sequencing, classification, reading diagrams, and timelines
- Bar graphs, Venn diagrams, timelines, and calendars
- Hierarchical charts
- Literacy skills: compare and contrast, main idea and details, fact and opinion, cause and effect, and fact or fiction, cumulative tale
- Use of money, using work to show love and help others
- People making a difference
- Strategies for helping others through work
- Wise use of resources, creation care, minimizing waste
- Influence of religious leaders

Culture

- Families and homes, origin of families, and familial roles
- Different ways of living as a family
- Types of homes
- Celebrations
- Families in history
- Churches, pastors, members, and roles
- Schools, parents, children, teachers, and responsibilities/roles
- Changes in travel and communication
- Contributions of immigrants
- Importance of celebrations, diversity of celebrations
- Communities, community member roles, and volunteers
- Technology and communication

History

- Time (past, present, and future)
- Primary and secondary sources
- Native Americans
- Explorers
- Settlements: Jamestown and Plymouth
- Founding of the United States
- Effects of immigration
- United States today
- Origin of the family
- Biographies: Thomas Edison, Martin L. King Jr., Clara Barton, Theodore Roosevelt, George Washington, Abraham Lincoln, George Whitefield, and Steve Jobs
- Important symbols, songs, motto, pledge, capital, and documents of the United States

- Travel, communication, and inventions

Geography

- Types of land and water, continents and oceans
- Globes and maps (title, key, and compass rose), cardinal directions
- Saving and using resources
- Seasons
- Addresses and zip codes
- Map of student location
- Celebration customs
- Weather events and the water cycle
- Latitude and longitude
- Locating student's state

Government

- Rules and laws, justice
- Voting
- Community, state, and national leaders; elections
- Description and symbols of the United States
- Rights and responsibilities of American citizens

Economics

- Needs and wants
- Goods and services
- Trading and bartering
- Jobs and volunteering
- Budgeting
- Technology and tools
- Producers and consumers
- Work
- Money: purpose and uses
- Use of resources

Math 1

5th Edition



Biblical Worldview Shaping

- **Care**—Recalling how numeracy can meet needs
- **Explore**—Investigating God’s world through counting and calculating
- **Work**—Explaining how diligence in calculation accomplishes a task

Numeration

- Reading and identifying numbers 0–999
- Writing and picturing numbers 0–999
- Reading number words: 0–20

Number Sense

- Composing and decomposing numbers up to 120
- Ordering numbers: before, after, and between
- Identifying dot patterns
- Identifying number patterns
- Using a number line
- Explaining and using place value: ones to hundreds
- Calculating 1 more or 1 less, 10 more or 10 less, and 100 more or 100 less
- Expanded form
- Comparing numbers to 120 using $<$, $=$, and $>$
- Identifying even and odd numbers

Counting and Cardinality

- Counting by 1s, 2s, 3s, 5s, and 10s
- Counting forward and backward
- Using ordinals: first–tenth; first, next, and last

Addition

- Using 100 basic facts (using fact families and other strategies)
- Adding two or three whole numbers within 20
- Joining sets
- Counting on
- Adding doubles
- Representing addition sentences visually
- Manipulatives
- Drawings
- Equations with symbols for the unknown number
- Fluently adding within 10
- Adding within 100
- Adding a 2-digit number and a 1-digit number
- Adding a 2-digit number and a multiple of 10

- Adding 2- and 3-digit addends
- Writing number sentences (equations)
- Using vertical form
- Renaming 10 ones as 1 ten

Subtraction

- Using 100 basic facts (using fact families and other strategies)
- Subtracting within 20
- Counting back
- Subtracting all
- Subtracting nearly all
- Representing subtraction sentences visually
- Manipulatives
- Drawings
- Equations with symbols for the unknown number
- Relating subtraction to addition as an unknown addend problem
- Fluently subtracting within 10
- Subtracting a multiple of 10 from a multiple of 10 within 90
- Subtracting with 2-digit minuend and subtrahend
- Take-away
- Comparison
- Missing addend
- Writing number sentences (equations)
- Using vertical form

Multiplication

- Relating repeated addition to multiplication
- Relating counting by 2s, 5s, and 10s to multiplication

Fractions

- Partitioning circles and rectangles into equal parts
- Identifying fractions as part of a set of objects
- Relating fractions and fair share

Algebra

- Representing a picture with a number sentence
- Finding the missing part of an addition or subtraction equation
- Explaining the equal sign
- Using addition and subtraction properties

Geometry

- Distinguishing between defining attributes and non-defining attributes
- Combining shapes to form larger shapes

- Identifying and composing plane shapes (2-D)
- Identifying and composing solid shapes (3-D)
- Identifying shapes by their properties: corners, faces, and curved sides
- Identifying spatial relationships
- Identifying symmetry
- Calculating perimeter
- Identifying shape patterns

Estimation

- Estimating the number of objects
- Estimating measurements of length, weight, volume, and temperature

Measurement

- Measuring and comparing length using nonstandard length units
- Measuring attributes of length, distance, weight, volume, and temperature
- Using measuring tools: ruler, scale, and thermometer
- Telling and writing time to the hour and half-hour using analog and digital clocks
- Sequencing events
- Using a calendar
- Using pennies, nickels, dimes, quarters, and dollars
- Comparing amounts
- Adding and subtracting
- Word problems

Problem-Solving

- Solving addition and subtraction word problems
- Explaining problem-solving strategies
- Using a problem-solving plan
- Reasoning
- Solving multi-step problems

Statistics and Graphs

- Representing and interpreting data
- Picture and bar graphs
- Tables, tally charts, Venn diagrams
- Probability

STEM

- Following the Engineering Design Process to solve a problem
- Coding: following steps
- Coding: working better
- Coding: guiding a friend
- Coding: playing a game

Phonics & English 1

5th Edition



Biblical Worldview Shaping

- **Courage**—Explaining how God gives courage
- **Creativity**—Writing a piece that shows creativity
- **Helpfulness**—Discussing how to care for others
- **Joy**—Explaining how giving to others brings joy
- **Love**—Describing how a character in a listening story shows love
- **Perseverance**—Applying lessons from a story to motivate perseverance

Critical Thinking

- Talk and Think-Pair-Share
- Describing experiences
- Shared writing
- Using the five-step writing process: plan, draft, revise, proofread, and publish
- Be CyberSmart!
- Discernment, protection, maturity, influence, leadership

Grammar and Syntax

- Facilitating syntactic awareness
- Past, present, and future tenses
- Sentence fragments
- Sentence as a complete thought
- Sentence parts: subject part, verb part
- Sentence types: statement, question, and exclamation
- Subject-verb agreement
- Writing words in sentence order
- Elaborating sentences using adjectives and adverbs
- Completing a sentence
- Expanding a sentence
- Nouns and pronouns
- Prefixes, suffixes, and suffix rules
- Prepositions
- Writing original sentences
- Attending to punctuation
- Apostrophe in contractions and possessive nouns
- Appropriate spacing
- Beginning with uppercase letters
- Capitalizing proper nouns

- Commas in a series and a letter
- End punctuation marks

Text Structure

- Biographical: research report
- Informative writing: journaling, thank-you note
- Opinion
- Personal narrative
- Poem: couplet
- Creating paragraphs with structure
- Conclusion
- Linking ideas with time-order words
- Supporting detail sentences
- Topic sentence

Writing Craft

- Attending to the task
- Writing for a specific audience with a specific purpose
- Using analogies
- Using compound words and contractions
- Using pantomimes, rhymes, synonyms, and antonyms

Reading 1

Travels Together

5th Edition



Biblical Worldview Shaping

- **Courage**—Imitating examples of bravery
- **Creativity**—Explaining the importance of creativity
- **Helpfulness**—Proposing ways to serve others
- **Joy**—Responding to circumstances with joy
- **Love**—Determining who to love
- **Perseverance**—Proposing ways to persevere through difficulty

Phonemic Awareness

- Developing phonemic awareness
- Identification of syllables
- Rhyme and rhythm
- Phoneme isolation
- Blending
- Segmentation

Decoding

- Applying phonics concepts
- Automaticity
- Letter-sound correspondence
- Consonant blends and digraphs
- Silent consonants, soft and hard *c* and *g*
- Vowel sounds: short, long, *r*-influenced, special
- Syllable patterns
- Syllable division
- Read phonetically controlled text

Word Recognition

- Decoding text
- High-frequency words
- Irregularly spelled words
- Single-syllable and multisyllabic words
- Word families
- Word fluency
- Words in isolation

Background Knowledge

- Building meaning
- Drawing conclusions using background knowledge
- Making inferences from illustrations
- Making predictions
- Robust conversations
- Text-to-self connections
- Text-to-text connections
- Text-to-world connections
- Using illustrations to describe characters, setting, events (fiction), or key ideas (nonfiction)
- Vocabulary instruction
- Building knowledge
- Building on previously learned knowledge
- Reading aloud complex texts
- Variety of genres: poetry, realistic fiction, fantasy, informational text, Bible account, fable, historical fiction, play (drama),

- procedural text, folktale, mystery, narrative nonfiction (novel)

Vocabulary

- Constructing meaning
- Academic language
- Biblical language
- Context clues
- Context sentences
- Explicit instruction
- Morphology (affixes)
- Synonyms and antonyms
- Using vocabulary
- Reading, writing, and speaking

Language Structures

- Semantics
- Compound words
- Contractions
- Idioms
- Morphemes: prefixes and suffixes
- Onomatopoeia
- Riddles
- Sensory words
- Similes
- Synonyms and antonyms
- Syntax
- Action words
- Comparatives and superlative
- Completing a sentence
- Describing words
- Punctuation and capitalization
- Sentence sense

Spelling 1

4th Edition



Decoding and Encoding

- Word study
- Phonics and structural analysis activities
- Word-meaning activities: sentence contexts, rhyming words, meaning or picture clues, and puzzles
- Dictionary skills
- Alphabetical order to the first and second letter
- Entry words, guide words, word forms, and sample sentences

Writing and Spelling

- Proofreading
- Spelling awareness: identifying the correct spelling for a given word, identifying and correcting misspelled words
- Standardized test practice
- Writing application
- Dictation sentences for weekly tests
- Strengthening the application of spelling skills through writing prompts for writing sentences,

lists, paragraphs, and journal entries

Automaticity

- Short and long vowel patterns
- *r*-influenced vowel patterns
- Diphthongs
- Consonant patterns
- Consonant blends and digraphs
- Soft *c* structure
- Suffixes *-s*, *-es*, *-ed*, *-er*, *-est*, *-ing*, no changes to base word
- Doubling the final consonant
- Dropping the final *e*

Handwriting 1

4th Edition



Form, Production, and Automaticity

- Air-tracing, finger-tracing, and pencil-tracing in preparation for PreCursive formation
- Forming all uppercase and lowercase PreCursive letters
- Forming numbers 0 through 9 in PreCursive
- Forming question marks and exclamation points in PreCursive

- Developing correct slant and alignment in PreCursive
- Developing handwriting consciousness
- Developing good posture and paper positioning using 1/2" writing lines
- Developing good pencil-hold
- Developing good rhythm, spacing, and neatness in PreCursive

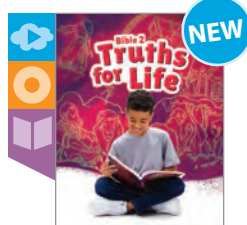
Writing Application

- Copying good PreCursive models that include Scripture
- Writing letters, words, and sentences
- Integrating content from the Bible
- Connecting reading and handwriting
- Connecting viewing and handwriting

Grade 2



Bible 2 Truths for Life 1st Edition



Biblical Worldview Shaping

- **Ultimate Reality**—Defending the claim that the Bible determines what is real
- **Human Identity**—Explaining how people represent God
- **Human Purpose**—Describing why God created people
- **The Problem of Evil**—Explaining why people are so sinful
- **Redemption from Evil**—Summarizing how Christ is redeeming the world
- **Morality**—Relating morality to the law of God

Bible Content

- Biblical content related to the Biblical Worldview Shaping themes of reality, identity,

purpose, evil, redemption, and morality

Historical Figures

- Adam and Eve, Cain and Abel, Noah, Abraham, Joshua, David and Jonathan, Solomon, Daniel, Satan, Jesus, and Saul

Doctrines

- Includes the doctrines of God, God's works, the Fall, Christ, salvation, Christian living, and the end times

Christian Living Application

- Shows students their need of Christ as Savior and ways to apply Bible Truths to real-life situations through discussion questions and application stories
- Clarifies understanding and aids in thoughtful application of

biblical virtues through questions and stories

- Highlights God's promises, justification, sanctification, the Lord's Supper, and baptism

Bible Truths

- 51 of the complete set of 147 nondenominational Bible Truths correlated with appropriate biblical themes
- Review of the 43 Bible 1 Truths

Bible Truth Songs

- 51 songs that each correspond to a Bible Truth

Bible Memory

- 8 verses or passages in addition to memorizing 51 new Bible Truths

Science 2 5th Edition



Biblical Worldview Shaping

- **History**—Summarizing how the Bible accounts for changes in nature
- **Order**—Explaining that God's design in nature is good
- **People**—Explaining that God made people in His image
- **Purpose**—Discussing how the Christian worldview undergirds modern science

General Science

- Defining science
- Explaining the importance of science
- Describing what scientists do
- Describing various STEM careers
- Describing the effect of a scientist's worldview on his work
- Demonstrating science inquiry skills
- Using science tools
- Following the steps of the scientific inquiry process

Physical Science: Matter

- Describing matter
- Identifying the origin of matter
- Identifying properties of matter

- Classifying objects by properties of matter
- Comparing states of matter
- Relating temperature to states of matter
- Describing changes to matter

Physical Science: Energy and Motion

- Describing a force and its origin
- Describing motion
- Analyzing kinds of forces

Life Science: Ecosystems

- Identifying the characteristics of living and nonliving things
- Classifying things as living or nonliving
- Comparing populations and communities
- Explaining how water habitats meet the needs of plants and animals living in them
- Explaining how land habitats meet the needs of plants and animals living in them
- Explaining how habitats change
- Identifying predators and prey in a food chain
- Explaining results of sin on animals

Life Science: Plants

- Identifying the needs of plants
- Explaining how the Fall affected plants
- Identifying the parts of plants and their functions
- Describing the stages of the life cycle of plants
- Identifying how seeds travel

Life Science: Animals

- Identifying the needs of animals
- Describing changes animals make to habitats
- Classifying animals according to their physical characteristics
- Describing animal growth and change
- Sequencing the stages of the life cycle of animals
- Comparing animals and their offspring
- Identifying characteristics of dinosaurs

Life Science: The Human Body

- Defending the importance of humans
- Identifying parts of human body systems

- Explaining why healthy eating and exercise are important

Earth and Space Science: The Geosphere

- Describing continents
- Describing landforms
- Describing methods of studying the earth's interior
- Describing the layers of the earth
- Identifying causes of weathering
- Identifying causes of erosion
- Describing volcanoes and earthquakes and their effects
- Describing natural resources
- Describing how natural resources can be preserved
- Evaluating views of the origin of fossils

- Explaining how fossils form
- Identifying kinds of fossils
- Identifying sources of fossils

Earth and Space Science: The Hydrosphere

- Identifying the origin of water
- Classifying bodies of water as salt-water or freshwater

Earth and Space Science: The Cosmos

- Explaining the origin of the solar system
- Identifying the planets of the solar system
- Describing the earth's shape
- Identifying a globe as a model of the earth

- Identifying that the earth tilts on its axis
- Explaining how the earth's rotation causes day and night
- Explaining how the earth's rotation causes sunrise and sunset
- Demonstrating the earth's orbit around the sun
- Explaining how the earth's revolution and tilt cause seasons

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Keeping bugs away at a picnic
- Building a durable structure
- Building a ball launcher
- Stopping wind erosion
- Building an insect trap

Heritage Studies 2

Community and Government

4th Edition



Focus

- Developing a biblical worldview of communities, government, buying and selling, people and places, and American culture

Biblical Worldview Shaping

- **Citizenship**—Relating the rights and responsibilities of citizens to society
- **Culture**—Defending the need for Christians to influence their culture
- **Economics**—Formulating a biblical approach to work
- **Geography**—Describing ways to care for creation to help people
- **Government**—Explaining the functions of government

Social Studies Skills

- Comparing points of view
- Problem-solving
- Comparing fact and fiction
- Relating cause and effect
- Primary and secondary sources
- American core values (freedom, equality, individualism, growth)
- Impact of technology
- Graphic organizers, timelines, classification, sequencing, analyzing diagrams
- Case studies
- Maps, grid maps, map scales

Culture

- Core values
- Influences: Native Americans, immigrants, and technology
- Sharing culture

- Communities changing, families moving, and reasons for moving
- Impact of the past on the present
- Creation Mandate
- Impact of values, technology, and resources on communities
- Countries cooperating
- Local businesses
- Impact of assembly line
- Relationships between people and places
- Culture-shaping forces
- Immigrant influence on the arts
- Impact of technology on communication, recreation, and transportation
- Influence of American culture on other nations
- American celebrations

History

- Communities: development of changes within
- Memorials
- Biographies: Norman Rockwell, Jonathan Edwards, John Adams, Abigail Adams, George Washington Carver, Henry Ford, Daniel Boone, Sacagawea, Jackie Robinson, and Alexander Graham Bell
- History of the Constitution and Bill of Rights
- Washington, DC: buildings and monuments
- Disaster relief groups

Geography

- Map skills: grid map, map scale, and population density

- Geography of North America
- State and local community
- Geography of United States: population density, landforms, bodies of water, and climate zones
- National parks
- Resources
- Regions of the United States

Government

- How a bill becomes a law
- Purpose of government
- Constitution, Bill of Rights
- Levels of government (national, state, and local), their functions, and officials
- Choosing leaders
- Process of citizenship
- Rights and responsibilities of citizens
- Countries working together
- Legislative bills
- Elections and appointments

Economics

- Work, specialization, and work ethic
- Scarcity, opportunity cost, and budgets
- Goods and services
- Producers and consumers, businesses, and types of resources (natural, human, and capital)
- Supply and demand
- Trading between countries: reasons and benefits
- Shopping in the past and present
- Making money
- Local businesses

Math 2

5th Edition



Biblical Worldview Shaping

- **Caring**—Using math to care for others
- **Exploring**—Using measuring to better understand God’s world
- **Working**—Evaluating the idea that people should avoid difficult math

Numeration

- Reading and writing 0–9,999
- Reading and writing number words: zero to nine hundred ninety-nine

Number Sense

- Ordering numbers: before, after, and between
- Identifying number patterns
- Using a number line
- Explaining and using place value: ones to thousands
- Calculating 10 more or 10 less and 100 more or 100 less
- Reading and writing numbers to 1,000 in expanded form
- Rounding to the nearest ten and hundred
- Comparing 2- and 3-digit numbers using $<$, $=$, and $>$
- Identifying even and odd numbers

Counting and Cardinality

- Counting to 1,000
- Counting by 1s, 5s, 10s, and 100s
- Counting by 2s to 60, by 3s to 30, and by 4s to 40
- Using ordinals: first–twentieth

Addition

- Using 100 basic facts (using fact families and other strategies)
- Adding up to four 2-digit numbers within 1,000
- Representing addition sentences visually
- Drawings
- Equations with symbols for the unknown number
- Fluently adding within 100
- Adding 4-digit addends
- Using vertical form
- Renaming 10 ones as 1 ten, 10 tens as 1 hundred, and 10 hundreds as 1 thousand

Subtraction

- Using 100 basic facts (using fact families and other strategies)
- Subtracting within 1,000
- Counting back
- Subtracting all

- Subtracting nearly all
- Representing subtraction sentences visually
- Drawings
- Equations with symbols for the unknown number
- Fluently subtracting within 100
- Subtracting with 3- and 4-digit minuend and subtrahend
- Take-away
- Comparison
- Missing addend
- Renaming 1 ten as 10 ones, 1 hundred as 10 tens, and 1 thousand as 10 hundreds

Multiplication

- Relating repeated addition to multiplication
- Multiplying using arrays
- Multiplying using the number line
- Writing equations
- Using vertical form
- Multiplying with factors 0–5 and 10

Division

- Making equal sets
- Writing equations
- Finding the missing factor
- Dividing with divisors 1–5

Fractions

- Partitioning circles and rectangles into equal parts
- Halves, thirds, and fourths
- Identifying fractions as part of a set
- Relating fractions and fair share
- Comparing fractions with common denominators
- Comparing fractions with 1 as the numerator

Decimals

- Using money

Algebra

- Using the relationship between addition and subtraction
- Solving equations
- Finding missing addends and factors
- Explaining and using addition, subtraction, and multiplication properties
- Commutative (order principle)
- Associative (grouping principle)
- Identity
- Zero Principle of Addition
- Zero Principle of Subtraction

- Zero Principle of Multiplication
- Identity Property of Multiplication

Geometry

- Identifying and composing plane shapes (2-D)
- Identifying and composing solid shapes (3-D)
- Identifying shapes by their properties angles, faces, edges, vertices, and curves
- Horizontal, vertical, parallel, and intersecting lines
- Calculating geometric measurements
- Area and perimeter
- Identifying symmetry
- Identifying shape patterns

Estimation

- Rounding to nearest ten and hundred
- Estimating measurements
- Length: inch, foot, and yard; centimeter, meter
- Weight: more than or less than 1 pound, 1 ounce
- Mass: more than or less than 1 kilogram; about 1 gram or more than 1 gram
- Volume (capacity): more than or less than 1 cup, 1 pint, 1 quart, and 1 gallon; more than or less than 1 liter

Measurement

- Measuring attributes
- Length: inch, foot, and yard; centimeter, meter
- Weight: ounce, pound
- Volume (capacity): cup, pint, quart, and gallon; liter
- Mass: gram, kilogram
- Temperature: Fahrenheit, Celsius
- Using measuring tools
- Length: ruler, yardstick, meter stick, and measuring tape
- Scale, thermometer, cup, and liter
- Relating two measurements using different units
- Relating the measurements of different objects
- Telling and writing time to 5-minute intervals
- Using analog and digital clocks
- Telling and writing time
- Elapsed time
- Using a calendar: day, week, month, and year
- Using pennies, nickels, dimes, quarters, and half-dollars
- Using dollars

- Adding and subtracting money
- Using dollar and cent symbols

Problem-Solving

- Solving addition, subtraction, multiplication, and division word problems
- Word problems with measurements and money
- Using a problem-solving plan
- Using graphs, tables, and map skills

Statistics and Graphs

- Solving addition, subtraction, multiplication, and division word problems
- Using a problem-solving plan

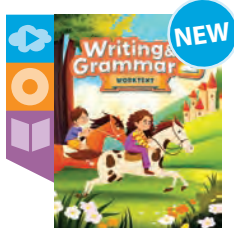
STEM

- Following the Engineering Design Process to solve a problem
- Coding: Locating the queen's treasure
- Coding: Tidying the queen's treasure
- Coding: Creating an origami crew

- Coding: Claiming the continent for the queen
- Coding: Programming a pal
- Coding: Cracking a binary code
- Coding: Artful algorithms
- Coding: A puzzling condition

Writing & Grammar 2

4th Edition



Biblical Worldview Shaping

- **Order**—Using God's gift of language in orderly ways.
- **Creativity**—Reflecting God's image with the creative use of language
- **Respect**—Communicating respectfully to others
- **Responsibility**—Taking responsibility for using words wisely

Critical Thinking

- Generating ideas
- Brainstorming
- Conferencing
- Discussion
- Graphic organizers
- Gathering information
- Identifying facts and details
- Using the writing process
- Assessment rubric
- Presentations

Media and Digital Literacy

- Be CyberSmart!
- Can I Keep Secrets on the Internet?
- My Words Matter
- True or Tricky?
- Sharing and Caring
- My Safety: Who Wants to Hurt Me?
- Internet safety/etiquette
- Digital publishing options

Grammar and Syntax

- Facilitating syntactic awareness
- Sentence parts: subject part, predicate part

- Sentence types: statement, question, command, and exclamation
- Sentence fragments
- Subject-verb agreement
- Run-on sentences
- Parts of speech
- Adjectives, including articles, demonstrative adjectives, and comparative and superlative adjectives
- Adverbs
- Nouns: common, proper, singular, plural, collective, and possessive
- Prepositions
- Pronouns
- Verbs: action; linking; helping; present, past, and future tenses; regular; and certain irregular
- Elaborating sentences
- Combining sentences
- Expanding sentences
- Attending to punctuation
- Capitalization
- Punctuation

Text Structure

- Writing genre
- Friendly letter
- Instructions
- Opinion
- Personal narrative
- Poetry
- Research report
- Creating paragraphs with structure
- Main idea
- Supporting details

- Linking ideas with time-order words, other transition words
- Ending sentence
- Using indentation

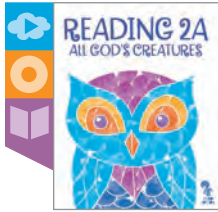
Writing Craft

- Choosing words
- Using a thesaurus
- Synonyms
- Exact verbs
- Word order
- Interesting words
- Attending to the task
- Audience
- Purpose
- Literary devices
- Rhyme
- Sensory words
- Couplet

Study and Research Skills

- Researching skills
- Internet safety/etiquette
- Dictionary skills
- Genre: fiction, nonfiction, and biography
- Information sources
- Using the library
- Keyword search
- Reference skills: parts of a book: title page and contents page
- Studying skills
- Listening: following directions, listening strategies, and identifying facts and details
- Taking notes from text

Reading 2 All God's Creatures 3rd Edition



Biblical Worldview Shaping

- **Goodness**—Analyzing what makes a character good
- **Love**—Proposing ways to love a friend
- **Truth**—Distinguishing fact from fiction
- **Wisdom**—Learning to respond with discernment

Phonemic Awareness

- Developing phonemic awareness
- Letter-sound association for each of the 44 English sounds and their variant spellings
- Counting syllables
- Rhyme and rhythm

Decoding

- Applying phonics concepts
- Automaticity
- Consonant blends and digraphs
- Silent consonants, soft and hard *c* and *g*
- Vowel sounds: short, long, *r*-influenced, special, schwa sounds, variant
- Syllable patterns
- Syllable division

- Decoding 130 phonograms

Word Recognition

- Six-syllable types: closed, open, vowel/consonant *-e*, vowel team, consonant *-le*, *r*-controlled
- Schwa syllables
- Service/high-frequency words
- Single-syllable and multisyllabic words
- Syllable division
- Word fluency

Background Knowledge

- Building meaning
- Graphic organizers
- Book parts: title, author, illustrator, contents, glossary
- Reading a variety of genres: realistic fiction, historical fiction, fantasy, fable, folktale, tall tale, article, Bible account, biography, drama, mystery, poetry
- Selecting relevant information

Vocabulary

- Constructing meaning
- Analogies
- Context clues
- Homophones

- Morphology: affixes, contractions, compound words
- Synonyms and antonyms
- Using vocabulary
- Reading, writing, and speaking

Language Structures

- Semantics
- Alliteration
- Analogies
- Compound words
- Contractions
- Figurative language
- Homophones
- Hyperbole
- Idioms
- Imagery
- Morphemes: base words, prefixes, and suffixes
- Onomatopoeia
- Similes
- Syntax
- Abbreviations
- Action words
- Adjectives: comparatives and superlatives
- Describing words

Reading 2 Expeditions 4th Edition



Biblical Worldview Shaping

- **Wisdom**—Learning to live well in God's world
- **Hard Work**—Valuing hard work as a way to love God and others
- **Kindness**—Acting and communicating with goodness and helpfulness
- **Obedience**—Developing an attitude of submission to God and authority
- **God's Creation**—Appreciating God's wonderful world
- **Contentment**—Growing in gratitude to please God

Phonemic Awareness

- Phonemic awareness: isolating, segmenting, blending, adding, subtracting phonemes
- Review of phonics: the 44 sounds of English with many of the variant spellings

Decoding

- Differentiated phonics lessons
- Build sound/symbols Correspondences
- Identify graphemes
- Read words in isolation
- Read phonetically controlled text
- Encode words
- Automaticity
- Consonant blends and digraphs; silent consonants, soft and hard

- *c* and *g*; vowel sounds: short, long, *r*-influenced, special, schwa sounds, variants
- Identifying and manipulating the six syllable types

Word Recognition

- Decoding text
- Open/closed syllables; VC/CV pattern, consonant + *-le*, VCe, vowel teams, *r*-controlled
- Syllables
- High-Frequency words

Background Knowledge

- Literal and abstract questions; biblical worldview
- Visual analysis; following directions; sequencing; classifying; comparison and contrast; cause and effect; problem and solution, summarizing
- Making inferences; drawing conclusions; predicting outcomes
- Time/place relationships; relevant information; facts/opinions; main idea
- Various genres
- Main character; character development, motives, traits
- Setting; plot; point of view; fantasy elements; idioms; imagery; similes; figurative language
- Poetry: rhyme; rhythm; repetition; onomatopoeia; alliteration

- Book parts: title, author, illustrator, contents, glossary
- Graphic organizers

Vocabulary

- Meaning from context; synonyms; antonyms; homophones
- Morphology
- Using vocabulary in reading, writing, and speaking

Language Structures

- Semantics
- Alliteration
- Compound words
- Contractions
- Figurative language
- Homophones
- Hyperbole
- Idioms
- Imagery
- Morphemes
- Onomatopoeia
- Similes
- Syntax
- Abbreviations
- Action words
- Adjectives (comparatives and superlatives)
- Describing words

Spelling 2

3rd Edition



32 Weekly Word Lists

- Words frequently used in writing
- Pattern words and irregular spelling words
- Interactive study method
- Weekly review of patterns

Generalizations

- Phonics generalizations;
- Vowel patterns: short and long vowels, *r*-influenced vowels, diphthongs
- Consonant patterns: consonants, consonant blends and digraphs, soft *c*, soft *g*, silent consonants
- Two-syllable words ending in *-le*, *-er*, *-y*, and reliable patterns
- Structural generalizations: compound words

- Contractions
- Suffixes: *-s*, *-es*, *-ed*, *-ing*, *-er*, *-est*
- Suffix rules: no change to the base word, double the final consonant, drop the final *-e*, change *y* to *i*

Word Study

- Word sort: classifying words based on shared features
- Word building: making new words by adding or omitting letters
- Phonics and structural analysis activities
- Word-meaning activities: contexts, meaning clues, synonyms, antonyms, homophones

Proofreading

- Spelling awareness; identifying and correcting misspelled words in sentences or passages
- Identifying the correct spelling for a given word
- Standardized-test practice

Dictionary Skills

- Location skills
- Alphabetical order to the first, second, and third letter
- Entry words, guide words, word forms

Writing Application

- Dictation sentences in tests
- Real-life writing application

Handwriting 2

2nd Edition



Form, Production, and Automaticity

- Maintaining handwriting consciousness
- Maintaining correct letter formation, slant, and alignment in PreCursive
- Forming all uppercase and lowercase cursive letters
- Developing correct slant and alignment in cursive position, posture, and pencil-hold

- Maintaining good posture and paper positioning with 1/2" writing lines
- Maintaining good pencil-hold
- Maintaining good rhythm, spacing, and neatness in PreCursive
- Developing good rhythm, spacing, and neatness in cursive

Writing Application

- Copying good PreCursive and cursive models that include

- Scripture, poetry, hymns, pledges, recipes, and thank-you notes
- Writing an invitation, addressing an envelope, and writing a friendly letter
- Integrating content from the Bible, math, writing and grammar, science, and heritage studies
- Connecting handwriting with dictionary skills

Grade 3



Bible Truths 3 Following Christ 3rd Edition



Bible Content

- Integrated doctrine through a chronological and thematic study of the Bible, emphasizing application
- Bible characters include Cain, Abel, Seth, Job, Lot's wife, Korah, Elijah, Jesus, the apostles, Peter, Philip, and Paul and his coworkers.
- Themes include sin and salvation, purity, life of Christ, willingness, friendships, obeying authorities,

cooperation, dedication, and thankfulness.

- Lessons for Thanksgiving, Christmas, and Easter

Bible Study Skills

- Using cross references
- Reinforces using the Bible's contents page and glossary, interpreting meanings, sequencing events, reading maps

Character Emphasis

- Discussion questions throughout and application stories show

students their need of Christ as Savior and ways to apply Bible Truths to real-life situations.

Bible Truths for Christian Growth

- 164 questions/answers presented in 10 biblical themes aid understanding and facilitate discipleship.

Bible Memory

- 36 verses or passages
- Emphasis on application

Bible 3 Truths for Life 1st Edition



Biblical Worldview Shaping

- **Ultimate Reality**—Proposing appropriate responses to God's holiness
- **Human Identity**—Analyzing the effect of the Fall on the image of God in people
- **Human Purpose**—Supporting the view that God's glory is humanity's ultimate purpose
- **The Problem of Evil**—Defending the need for internal transformation of sinners
- **Redemption**—Defending the claim that Christ is the only redeemer
- **Morality**—Defending the Bible as the standard of right and wrong

Bible Content

- Biblical content related to the Biblical Worldview Shaping themes of reality, identity, purpose, evil, redemption, and morality

Historical Figures

- Adam and Eve, Jacob, Samuel, David, Solomon, Elijah, Daniel, Nebuchadnezzar, John, Jesus, Peter, Paul

Doctrines

- Includes the doctrines of God, God's works, the Fall, Christ, salvation, Christian living, and the end times

Christian Living Application

- Clarifies understanding and aids in thoughtful application of

biblical virtues through discussion questions

- Highlights the Lord's Prayer, the Ten Commandments, and the end times

Bible Truths

- 53 of the complete set of 147 nondenominational Bible Truths correlated with appropriate biblical themes
- Review of the 94 Bible 1 and Bible 2 Truths

Bible Truth Songs

- 53 songs that each correspond to a Bible Truth

Bible Memory

- 7 verses or passages in addition to memorizing 53 new Bible Truths

Science 3 5th Edition



Biblical Worldview Shaping

- **Design**—Explaining that God designed the universe with elegant systems
- **History**—Evaluating evolutionary claims about origins and fossils
- **Humans**—Evaluating evolutionary claims about humans
- **Purpose of Science**—Explaining scientific solutions to real-world problems

General Science

- Describing various STEM careers
- Describing the effect of a scientist's worldview on his work
- Demonstrating science inquiry skills

- Using science tools

- Following the steps of the scientific method

Physical Science: Matter

- Identifying what an atom is
- Comparing properties of states of matter
- Comparing physical and chemical changes

Physical Science: Energy and Motion

- Comparing contact and non-contact forces
- Describing direction, speed, distance, and position
- Analyzing balanced and unbalanced forces

- Identifying what work is
- Relating atoms to electricity
- Comparing static electricity and current electricity
- Comparing conductors and insulators
- Analyzing magnetic fields and forces
- Describing uses of magnets and electromagnets

Physical Science: Waves

- Describing the interactions of sound waves and matter
- Describing characteristics of sound
- Identifying ways sound is used to communicate

Life Science: Ecosystems

- Identifying characteristics of organisms
- Relating ecosystems, habitats, communities, and populations
- Explaining how resources meet the needs of organisms
- Describing food webs

Life Science: Plants

- Sequencing the stages of the life cycle of plants
- Sequencing the steps of photosynthesis
- Explaining why plants have different traits
- Comparing views of plant adaptation

Life Science: Animals

- Identifying how scientists classify animals
- Vertebrates and invertebrates
- Identifying ways animals reproduce
- Sequencing the stages of the life cycles of animals
- Differentiating between warm-blooded and cold-blooded animals
- Identifying patterns of inherited traits in animals and their offspring

- Inherited traits
- Instincts
- Learned behaviors

Life Science: The Human Body

- Observing and describing cells
- Identifying organs
- Relating cells, tissues, organs, and systems

Earth and Space Science: The Geosphere

- Identifying components of soil
- Explaining the importance of soil conservation
- Identifying the three main types of rocks
- Explaining how rocks form and are classified
- Identifying properties of minerals
- Comparing views of how fossils formed
- Comparing views of when fossils formed and adaptation

Earth and Space Science: The Atmosphere

- Creating models of clouds
- Explaining how the water cycle works
- Identifying and preparing for severe weather

- Identifying the characteristics of the main climate zones
- Identifying the views of climate change
- Identifying possible causes of climate change
- Relating God's promise to climate change

Earth and Space Science: The Cosmos

- Comparing different worldviews on the origin of the solar system
- Describing the patterns in the solar system
- Describing the characteristics of the sun
- Identifying characteristics of the inner and outer planets
- Comparing planets and dwarf planets

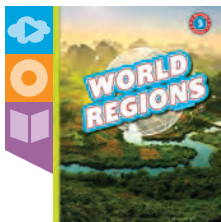
Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Building a waterproof roof
- Building an automatic plant waterer
- Providing food or water during a drought
- Building a marble maze game
- Building a magnetic grabber

Heritage Studies 3

World Regions

4th Edition



Focus

- Developing a biblical perspective of geography

Biblical Worldview Shaping

- **Citizenship**—Relating the fulfillment of duties to being a good citizen
- **Culture**—Analyzing world cultures through a Christian worldview
- **Economics**—Explaining the wise use of resources to ruling over God's world
- **Environment**—Explaining the need for believers to care for the environment
- **Government**—Explaining which rights and duties every government should protect
- **Religion**—Analyzing the impact of Christianity in a region

Social Studies Skills

- Map projections
- Literacy skills: classify, summarize, compare/contrast
- Primary/secondary sources
- Literature: regional literature, folktales, myths, legends, tall tale

Culture

- Religions and beliefs
- Group cultures versus individual cultures
- Spread of Christianity throughout world regions
- Impact of geography on indigenous cultures
- Impact of colonization

History

- World exploration and migration
- Conflicts
- Origins of cultures
- Biographies
- European Union
- Regional ways people adapt to their climates

Geography

- Various types of maps (alphanumerical, political, geographical, religion, and resource), models, and distortions
- World regions and physical features
- Cultural and economic impacts of human interaction with the environment
- Interconnections between world regions

- Comparing and contrasting the eight world regions
- Relationship between geography and regional cultures, practices
- Geography's influence on climate and life

Government

- Countries, territories, and capitals
- Government types
- Parliaments, democracy, parliamentary democracy, republic, and presidential republic
- Freedom of assembly, speech, voting rights, governments, worship, travel, and impact on other regions

Economics

- Industries, trade, currencies
- Regions: economical practices, jobs, industries, and resources
- Primary businesses, manufacturing businesses, and service businesses
- Influence of resources on relationships between nations
- Industry uses of resources
- Slash-and-burn agriculture
- Subsistence farming

Math 3

3rd Edition



Number Sense

- Recognizing and writing 0–1,000,000 with numerals and words
- Roman numerals I–XII
- Ordinals: first through ninety-ninth
- Order
- Number line
- Place value: 10 more/10 less; ones to hundred thousands
- Expanded form
- Rounding to the nearest ten, hundred, one thousand
- Comparing with $<$ and $>$

Counting

- Counting by 1s, 2s, 5s, 10s, 100s, 1,000s, 10,000s
- Counting by 2s to 20, by 3s to 30, by 4s to 40, by 5s to 50, by 6s to 60, by 7s to 70, by 8s to 80, by 9s to 90

Addition

- 100 basic facts
- Fact families (with strategies)
- Five-digit addends
- Vertical form
- Renaming
- Adding money
- Word problem strategies
- Commutative, associative, identity properties

Subtraction

- 100 basic facts
- Fact families (with strategies)
- Five-digit minuend and subtrahend
- Renaming
- Subtracting money
- Word problem strategies
- Take away, comparison
- Missing addend
- Zero property

Multiplication

- 110 basic facts
- Fact families
- Multiples and repeated addition

- Using arrays and a number line
- Equations and vertical form
- One-digit factors, two and three digits by one digit
- Renaming
- Word problem strategies
- Commutative, associative, and identity properties
- Zero property

Division

- 110 basic facts
- Fact families
- Multiples and repeated subtraction
- Partition strategies
- Division frame
- One-digit factors, two and three digits by one digit with one-digit remainders
- Word problem strategies

Algebra Readiness

- Equations
- Missing addends and factors
- Negative numbers
- Addition and multiplication properties

Fractions

- Part of a whole and set
- Equivalent fractions
- Comparing and ordering
- Mixed numbers
- Adding and subtracting like fractions

Decimals

- Reading and writing tenths and hundredths
- Mixed numbers
- Comparing and ordering
- Adding and subtracting
- Renaming 10 tenths as 1 one and 10 hundredths as 1 tenth
- Word forms
- Money and word problems

Geometry

- Plane figures: circle, polygon, square, triangle, rectangle, pentagon, hexagon, octagon

- Edge, vertex
- Slides, flips, and turns
- Solid figures: sphere, cube, cylinder, cone, rectangular prism, rectangular pyramid
- Faces, edges, vertices, curved surfaces
- Lines: horizontal/vertical, parallel/intersecting
- Symmetry
- Area, perimeter
- Patterns

Estimation

- Rounding
- Length, distance, capacity, weight, mass

Measurement

- Length: $\frac{1}{2}$ inch, foot, yard, mile, centimeter, meter, kilometer
- Capacity: cup, pint, quart, gallon, milliliter, liter
- Weight: ounce, pound
- Mass: gram, kilogram
- Temperature: Fahrenheit, Celsius
- Time to one-minute intervals
- Elapsed
- Calendar
- Money adding and subtracting

Problem-Solving

- Word problems
- Graphs, tables, charts, schedule, map skills
- Logic and probability
- Money and multi-step problems
- Problems with too much or little information
- Problem-solving plan

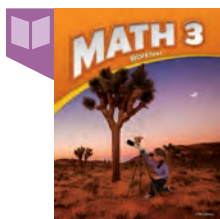
Data and Graphs

- Bar graph, pictograph
- Line plot, line graph, coordinate graph
- Circle graph
- Tables and charts, tallies

Calculators

- Addition and subtraction

Math 3 5th Edition



Biblical Worldview Shaping

- **Service**—Applying instruction in math to the service of God and neighbor
- **Patterns**—Describing with math the intricate patterns in God’s creation
- **Uses**—Assessing the usefulness of math in light of its limits

Numeration

- Recognizing and writing 0–1,000,000 as numerals and words

Number Sense

- Ordering numbers
- Identifying number patterns
- Using a number line
- Explaining and using place value: ones to hundred thousands
- Calculating 10 more or 10 less and 100 more or 100 less
- Reading and writing numbers in expanded form
- Rounding to the nearest ten, hundred, and thousand
- Comparing multi-digit numbers using $<$, $=$, and $>$
- Identifying even and odd numbers
- Comparing fractions using $<$, $=$, and $>$

Counting and Cardinality

- Counting by 1s, 2s, 5s, 10s, 100s, 1,000s, and 10,000s
- Skip counting by 2s to 20, by 3s to 30, by 4s to 40, by 5s to 50, by 6s to 60, by 7s to 70, by 8s to 80, and by 9s to 90

Addition

- Using 100 basic facts (using fact families and other strategies)
- Fluently adding within 1,000
- Adding 5-digit addends
- Using vertical form
- Renaming 1 ten to 10 ones to 1 ten thousands as 10 one thousands

Subtraction

- Using 100 basic facts
- Fluently subtracting within 1,000
- Subtracting with 5-digit minuends and subtrahends
- Renaming

Multiplication

- Using 110 basic facts (fact families)

- Fluently multiplying within 100
- Multiplying 1-digit numbers by multiples of 10 within 100
- Relating repeated addition to multiplication
- Relating multiples to multiplication
- Multiplying using arrays
- Multiplying using the number line

Writing Equations

- Multiplying 1-digit factors by 2- or 3-digit factors
- Renaming

Division

- Using 110 basic facts (fact families)
- Fluently dividing within 100
- Making equal sets
- Relating repeated subtraction to division
- Dividing using bar models
- Dividing using arrays
- Skip counting
- Writing equations
- Using a division frame
- Dividing to find a 1-digit quotient
- Dividing with 1-digit remainders

Fractions

- Partitioning shapes into equal parts
- Explaining fractions: numerator, denominator, part of a whole or set
- Representing fractions on a number line
- Mixed numbers
- Ordering fractions
- Representing fractions and mixed numbers
- Using mixed numbers

Geometry

- Identifying and composing plane shapes (2-D)
- Edge, vertex
- Slides, flips, and turns
- Identifying solid shapes (3-D)
- Identifying shapes by their properties
- Horizontal and vertical lines
- Parallel and intersecting lines
- Identifying similarity, congruence, and symmetry
- Using geometric measurement
- Finding area

- Perimeter
- Finding the perimeter of polygons

Estimation

- Rounding to nearest ten, hundred, and one thousand
- Estimating measurements

Measurement

- Measuring attributes
- Length
- Volume
- Weight
- Mass
- Temperature
- Telling and writing time
- Making and using a schedule
- Using money

Problem-Solving

- Solving addition, subtraction, multiplication, and division word problems
- Using a problem-solving plan
- Graphs, Tables, Map skills, Schedule
- Logic and multi-step problems

Statistics and Graphs

- Representing and interpreting data
- Graphs
- Tables
- Probability

Financial Literacy

- Distinguishing between wants and needs
- Explaining the financial impact of buying on credit
- Explaining the benefits of a savings plan
- Defending a money-related choice from a biblical perspective

STEM

- Following the Engineering Design Process to solve a problem
- Designing a launchable paper rocket
- Planning an event
- Designing a way to keep a pet’s space warm
- Designing a parking garage for toy cars according to stated requirements and constraints

English 3 Writing & Grammar 3rd Edition



Biblical Worldview Shaping

- **Authority**—Recalling that God made people to use respectful language
- **Celebration**—Creating a written work that celebrates God's creation
- **Friendship**—Explaining the importance of friendly communication
- **People**—Summarizing how language can show kindness to other people
- **Work**—Explaining how clear language enables work

Critical Thinking

- Generating ideas
- Viewing skills: visual analysis, image
- Brainstorm
- Gathering information
- Collaboration: Think-Pair-Share
- Graphic organizers
- Active listening stories
- Shared writing
- Using the writing process
- Five-step writing process: plan, draft, revise, proofread, and publish
- Assessment rubric
- Conferencing: teacher and peer
- Presentations: oral report with visual display, audio recording, and video recording

- Proofreading marks to improve writing and make corrections
- Self-assessment checklist
- Developing media and digital literacy
- Non-print sources: internet, electronic catalog, and videos
- Internet safety
- Keyword search
- Be CyberSmart!

Grammar and Syntax

- Facilitating syntactic awareness
- Compound sentences
- Pronoun reference; subject-verb agreement
- Run-on sentences
- Sentence fragments
- Sentence parts: complete subject, complete predicate, simple subject, and simple predicate
- Sentence types: declarative, interrogative, imperative, and exclamatory
- Elaborating sentences
- Expanding sentences with prepositional phrases
- Nouns
- Pronouns
- Verbs
- Attending to punctuation
- Capitalization
- Punctuation

Text Structure

- Writing projects: book review, friendly letter, game instructions
- Informative/explanatory: journal, narrative, opinion, persuasive essay
- Poetry: sound poem
- Research report
- Creating paragraphs with structure
- Adding details
- Conclusion sentences
- Facts, opinions, and reasons
- Linking ideas with time-order words
- Paragraph development
- Topic sentences

Writing Craft

- Choosing words
- Using a thesaurus
- Attending to the task
- Audience, purpose, voice
- Literary devices: alliteration, contractions, onomatopoeia, rhyme

Study and Research Skills

- Researching skills
- Non-print sources: internet, electronic catalog, and videos
- Internet safety
- Keyword search
- Reference skills: parts of a book, using the library
- Studying skills: taking notes

Reading 3

Adventures in Reading

3rd Edition



Biblical Worldview Shaping

- **Beauty**—Identifying examples of beauty
- **Goodness**—Explaining how the gospel changes a character
- **Love**—Proposing ways to love a friend or an enemy
- **Truth**—Supporting accurate conclusions with evidence
- **Wisdom**—Relating important ideas to life

Phonemic Awareness

- Developing phonemic awareness
- Rhyme and rhythm

Decoding

- Applying phonics concepts
- Automaticity
- Consonant blends and digraphs
- Vowel patterns
- Syllable patterns
- Syllable division
- Variant spellings

Word Recognition

- Decoding text
- Six-syllable types: closed, open, vowel/consonant *-e*, vowel team, consonant *-le*, *r*-controlled

- Additional variant spellings
- Base words/prefixes/suffixes, compound words, prefixes/suffixes
- Multisyllabic words
- Schwa syllables
- Service/high-frequency words review
- Syllable division

Background Knowledge

- Building meaning
- Graphic organizers
- Inferring
- Drawing conclusions
- Making predictions
- Building knowledge
- Reading a variety of genres: realistic fiction, historical fiction, fantasy, fable, folktale, tall tale, article, Bible account, biblical fiction, biography, drama, mystery, poetry, true story

Vocabulary

- Constructing meaning
- Analogies
- Context clues

- Morphology: compound words, contractions, prefixes, inflectional/derivational suffixes
- Synonyms and antonyms
- Using vocabulary
- Reading, writing, and speaking

Language Structures

- Semantics
- Alliteration
- Contractions
- Fanciful elements
- Hyperbole
- Imagery
- Morphemes: base words, prefixes, suffixes
- Similes
- Syntax
- Abbreviations
- Adjectives: comparatives and superlatives
- Adverbs
- Describing words
- Nouns: possessives and pronouns
- Punctuation and capitalization
- Question words
- Verbs

Spelling 3

3rd Edition



Decoding and Encoding

- Word study
- Word sort: classifying words based on word patterns
- Word building: making different words by choosing or adding a blend
- Phonics and structural analysis activities
- Syllable division: compound words, words with two middle consonants, words ending in *-le*, open and closed syllables
- Word meaning activities: using words in context, meaning clues, synonyms, antonyms, homophones, and analogies
- Dictionary skills: location skills, alphabetical order to third letter
- Entry words, guide words, and word forms

Writing and Spelling

- Proofreading
- Spelling awareness: identifying the correct spelling for a given word, identifying and correcting misspelled words in sentences or passages of increasing complexity
- Standardized test practice
- Dictation sentences for weekly test
- Strengthening the application of spelling skills through writing prompts for writing sentences, lists, paragraphs, and journal entries
- Real-life writing application including an instructional poster, a journal entry, a menu, a recipe, a schedule, and a thank-you note

Automaticity

- Vowel patterns
- Short and long vowel patterns
- *r*-influenced vowel patterns
- Diphthongs and the schwa
- Consonants and consonant
- Blends and digraphs
- Silent consonants
- Suffixes *-a*, *-be*, *-dis*, *-re*, *-un*, *-s*, *-es*, *-ed*, *-er*, *-est*, *-ing*, *-ful*
- No changes to base word
- Doubling the final consonant
- Dropping the final *e*
- Changing *y* to *i*
- Two-syllable words ending in *-le*, *-er*, *-y*, and other reliable patterns
- Compound words
- Contraction

Handwriting 3

2nd Edition



Form, Production, and Automaticity

- Maintaining handwriting consciousness
- Maintaining correct letter formation, slant, and alignment in PreCursive and cursive
- Maintaining good pencil-hold
- Maintaining good rhythm, spacing, and neatness in cursive
- Developing good handwriting skills using 3/8" writing lines

Writing Application

- Copying good PreCursive and models that include Scripture, poetry, hymns, measurements, letters, quotations, songs, and prayers
- Writing a journal entry, legend, and story

Interdisciplinary Applications

- Integrating content from the Bible, math, writing and grammar, science, and heritage studies

- Connecting handwriting and viewing
- Applying handwriting to analyze family trees and timelines
- Connecting handwriting with reading comprehension
- Applying handwriting to analyze maps and tables
- Connecting handwriting, capitalization, and punctuation
- Using handwriting to complete tables

Handwriting 3

3rd Edition



Form, Production, and Automaticity

- Formation
- Maintaining handwriting consciousness
- Maintaining correct letter formation, slant, and alignment in PreCursive and cursive

Position, Posture, and Pencil-Hold

- Maintaining good pencil-hold
- Maintaining good rhythm, spacing, and neatness in cursive
- Developing good handwriting skills using 3/8" writing lines

Writing Activities

- Copying good PreCursive and models that include Scripture, poetry, hymns, measurements, letters, quotations, songs, and prayers
- Writing a journal entry, legend, and story

Interdisciplinary Applications

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Grade 4

Bible 4 The Pathway of Promise 1st Edition



Biblical Worldview Shaping

- **Covenant**—Analyzing the storyline of the Old Testament using the covenants
- **Kingdom**—Tracing the rule of God from the Creation Mandate through the Old Testament
- **Presence of God**—Describing how God’s presence with His people was lost and restored

Bible Content

- A chronological study of the Old Testament
- Emphasizes understanding the Bible as one story with three progressive parts: Creation, Fall, and Redemption

- Tracks the progression of the Noahic, Abrahamic, Mosaic, Davidic, and New Covenants and anticipates the fulfillment through the life of Christ

Historical Figures

- Christ as the perfect Prophet, Priest, and King

Doctrines

- Integrates doctrine into a study of the Creation-Fall-Redemption metanarrative of the Old Testament

Christian Living Application

- Promotes personal interaction with the Bible

- Emphasizes skill in reading Scripture and letting the Bible answer important questions
- Makes the Bible a personal companion for growing in Christ through observing, interpreting, and applying Scripture

Bible Truths

- 147 questions and answers that help students understand the progression of God’s revelation of Himself and major biblical events and truths for growth in Christ

Bible Memory

- Accompanying memory verses for each week

Bible 4 The Pathway of Promise 2nd Edition



Biblical Worldview Shaping

- **Covenant**—Analyzing the storyline of the Old Testament using the covenants
- **Kingdom**—Tracing the rule of God from the Creation Mandate through the Old Testament
- **Presence of God**—Describing how God’s presence with His people was lost and restored

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Christian Living Application

- Promotes personal interaction with the Bible

Bible Truths

- 147 questions and answers that help students understand the progression of God’s revelation of Himself and major biblical events and truths for growth in Christ

Bible Truth Songs

- 147 songs that each correspond to a Bible Truth

Bible Memory

- Accompanying memory verses for each chapter

Science 4 5th Edition



Biblical Worldview Shaping

- **Design**—Identifying specific biological mechanisms featuring intentional design
- **History**—Evaluating naturalistic explanations for changes in the natural environment
- **Humans**—Relating scientific developments to benefitting humans
- **Modeling**—Explaining how science is modeling
- **Purpose**—Proposing scientific solutions to real-world problems

General Science

- Describing various STEM careers
- Demonstrating science inquiry skills
- Science safety tips
- Using science tools
- Scientific investigation skills
- Scientific variables

Physical Science: Energy and Motion

- Distinguishing between potential energy and kinetic energy
- Explaining how energy changes from one form to another and from one place to another
- Relating motion, force, and energy
- Explaining how gravity and friction can be beneficial
- Relating force, weight, and motion
- Relating speed and energy
- Relating work and energy
- Explaining why simple machines are beneficial

Physical Science: Waves

- Relating waves to energy transfer
- Identifying and measuring properties of wave patterns
- Evaluating different views of the origin of light
- Relating light and matter
- Differentiating between luminous and nonluminous objects
- Differentiating between transparent, translucent, and opaque objects
- Relating visible white light to a prism and a rainbow
- Comparing reflection and refraction
- Explaining why an object appears to be a certain color
- Comparing how light is refracted by convex and concave lenses

- Sequencing the path of light through the eye
- Describing the properties of sound waves
- Identifying the characteristics of sound
- Relating pitch to frequency
- Relating volume to amplitude
- Explaining how timbre helps distinguish sounds
- Relating sound and matter
- Identifying the structures and function of the human ear
- Sequencing the path of sound through the ear
- Explaining how sound is used for communication
- Describing the history of information transfer
- Explaining binary code
- Sequencing the steps of digital communication transfer

Life Science: Plants

- Identifying external plant structures
- Explaining the structures and functions of roots and stems
- Explaining the structures and functions of leaves
- Relating leaves to photosynthesis
- Explaining the structures and functions of flowers and fruit
- Relating flowers and fruit to plant reproduction
- Evaluating different views of the origin of thorns
- Describing uses of plants
- Identifying ways plants respond to stimuli
- Describing pollination and how it occurs
- Identifying the parts of a seed
- Explaining the life cycle of plants
- Identifying methods of plant reproduction

Life Science: Animals

- Identifying arthropods
- Explaining how insects use external structures to survive and grow
- Comparing complete and incomplete metamorphosis
- Describing external structures
- Comparing how vertebrates use external structures
- Relating internal structures to survival and growth
- Distinguishing between internal and external stimuli

- Identifying ways animals respond to stimuli

Life Science: The Human Body

- Comparing how humans, animals, and plants get their energy
- Identifying the structures of the digestive tract and their functions
- Describing the functions of bones in the human body
- Identifying the parts of bones
- Creating and using a model to show how bones and muscles work together
- Explaining the relationship among food, calories, and energy
- Classifying foods using the five food groups
- Planning a healthy diet
- Identifying nutrients the body needs
- Analyzing nutrition facts labels
- Explaining how exercise and rest help maintain healthy bones and muscles
- Differentiating between fractures, strains, and sprains

Earth and Space Science: The Geosphere

- Layers of soil
- Physical and chemical weathering
- Erosion and deposition
- Changes to the earth's surface
- Igneous, sedimentary, and metamorphic rock
- Properties of minerals
- Natural hazards: earthquakes, tsunamis, floods, volcanoes
- Plates: plate boundaries and faults
- Natural resources
- Renewable and nonrenewable resources
- Conservation (reduce, reuse, and recycle)

Earth and Space Science: The Hydrosphere

- Water and conservation
- Identifying the earth's land and water proportions
- Describing the movement of water in the water cycle
- Distinguishing the properties and benefits of fresh water and salt water
- Identifying reasons and ways to conserve the earth's water
- Identifying and locating oceans

- Explaining how energy is transferred from wind to the ocean surface
- Relating energy and surface waves
- Identifying the causes and properties of warm and cold surface currents
- Identifying features of the ocean floor
- Continental shelf and continental slope

- Describing the characteristics of ocean zones
- Describing and classifying ocean creatures
- Describing bioluminescence
- Describing ecosystems in the ocean

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Dispersing seeds by wind

- Building a device that uses biomimicry
- Building a sail car
- Building simple machines that will move heavy objects
- Building a listening device
- Designing a way to communicate using light or sound
- Building an earthquake-safe bridge
- Protecting from floodwater

Heritage Studies 4

Our United States

4th Edition



Focus

- Developing a biblical worldview through the study of the states and territories of the United States of America

Biblical Worldview Shaping

- **Citizenship**—Explaining the role of a citizen
- **Culture**—Analyzing significant components of a culture
- **Economics**—Formulating guidelines for fair worker compensation
- **Environment**—Recommending ways to protect the environment and community
- **Religion**—Analyzing major religious influences in the United States

Social Studies Skills

- Cause and effect
- Timeline
- Primary sources skills: route maps, summarizing, discerning bias, predicting consequences, classifying, maps, point of view, and graphic organizers

Culture

- Adjustment of immigrants in America
- Evangelism and missionary work
- Native American influence
- State religious climates, impact of Christianity on various regions and states, and religious changes over time
- Impact of religions on state cultures
- Regional and state food, attractions, cultural activities, and literature
- Impact of immigrants on regional and state culture

History

- A brief overview of major events, people, and places in US history
- Native Americans
- The fifty states and territories (states, history, landmarks, and significant people)
- Inventions: communication, transportation
- American expansion and urbanization
- Territories

- Biographies, people making a difference
- State contributions to American society

Geography

- Map skills: hemispheres, equator, latitude and longitude, and prime meridian
- United States regions
- State capitals, mottos, flags, symbols, resources, industries, environment, parks, and animals
- Impact of regional environments on regional climates

Government

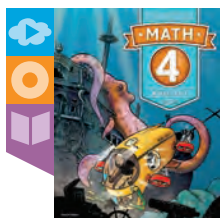
- Branches of American government
- Voting
- Citizenship
- Founding documents

Economics

- Stock market
- Supply and demand
- Imports and exports
- State economies, resources, and industries

Math 4

4th Edition



Biblical Worldview Shaping

- **Design**—Explaining how math shows design in the world
- **Helping Others**—Applying mathematical knowledge to meet the needs of others
- **Wise choices**—Using math to make a wise decision
- **Limits**—Explaining why math cannot determine right and wrong
- **Work**—Explaining how math helps people do work

Numeration

- Recognizing and writing 0–100,000,000 as numerals and words

Number Sense

- Ordering numbers
- Generating number and shape patterns
- Using a number line
- Explaining and using place value: hundredths to hundred millions

- Calculating 1,000 more or 1,000 less and 10,000 more or 10,000 less
- Reading and writing numbers in expanded form
- Comparing fractions and decimals using $<$, $=$, and $>$

Counting and Cardinality

- Counting by 1s, 2s, 5s, 10s, 100s, 1,000s, and 10,000s
- Counting by 2s to 20, by 3s to 30, by 4s to 40, by 5s to 50, by 6s to

60, by 7s to 70, by 8s to 80, and by 9s to 90

- Using ordinals: first through ninety-ninth

Addition

- Using 100 basic facts
- Adding 6-digit addends
- Renaming 10 ones as 1 ten to 10 one thousands as 1 ten thousand

Subtraction

- Using 100 basic facts
- Subtracting with 6-digit minuends and subtrahends
- Renaming 1 ten as 10 ones to 1 ten thousand as 10 one thousands
- Missing addend
- Finding the unknown part

Multiplication

- Using 110 basic facts
- Factor pairs within 100
- Finding multiples within 100
- Multiplying using the number line
- Writing equations
- Using vertical form
- Multiplying 1-digit factors
- Multiplying 1-digit factors by 2- to 4-digit factors
- Multiplying 2-digit factors by 2- or 3-digit factors
- Renaming

Division

- Using 110 basic facts
- Relating repeated subtraction to division
- Writing equations
- Rounding the division
- Adjusting the quotient
- Finding averages
- Dividing to find a 1- or 2-digit quotient
- Using divisibility rules

Fractions

- Explaining fractions
- Adding and subtracting like and unlike fractions and mixed numbers
- Multiplying a fraction by a whole number
- Renaming improper fractions
- Explaining equivalent fractions

- Comparing fractions
- Modeling fractions
- Expressing fractions as decimals
- Ordering fractions
- Repartitioning shapes to find equivalent fractions

Decimals

- Explaining fractions
- Part of a whole
- Part of a set
- Adding and subtracting like and unlike fractions and mixed numbers
- Multiplying a fraction by a whole number
- Renaming improper fractions
- Explaining equivalent fractions
- Comparing fractions
- Expressing fractions as decimals

Algebra

- Using equations with variables to represent problems
- Finding missing addends and factors
- Using negative numbers
- Using function tables

Geometry

- Identifying shapes by their properties
- Drawing and identifying points
- Drawing and identifying lines
- Explaining and measuring angles
- Drawing and identifying lines of symmetry
- Identifying similarity and congruence
- Perimeter, area, volume

Estimation

- Rounding to nearest ten, hundred, one thousand, and one million
- Rounding for addition, subtraction, multiplication, and division
- Estimating measurements

Measurement

- Converting measurable attributes into different units
- Length
- Volume
- Weight
- Mass

- Temperature
- Telling time
- Using a calendar
- Using money

Problem-Solving

- Solving addition, subtraction, multiplication, and division word problems
- Using a problem-solving plan
- Solving multi-step problems
- Solving problems with too little information
- Writing word problems

Statistics and Graphs

- Representing and interpreting data
- Stem-and-leaf plot
- Interpreting statistics: mean, median, mode, range, frequency, probability

STEM

- Following the Engineering Design Process to solve a problem
- Designing a room with furnishings and plants
- Designing technology for randomly selecting a 3-digit number
- Designing and building a desktop cellphone holder using Lego bricks
- Using problem-solving strategies
- Designing an heirloom treasure using gems
- Designing and building a system for accomplishing a task
- Designing and creating a polygon art picture using triangles
- Planning and saving money for camp
- Designing and administering a survey
- Designing and building a pasta car
- Designing a Lego brainteaser puzzle
- Designing a color pattern for an origami figure using fractions
- Making a biodegradable seedling planter
- Designing a model to show equal divisions of a cake
- Designing and building a structure to withstand an attack

English 4 Writing & Grammar 3rd Edition



Biblical Worldview Shaping

- **Craft**—Describing how language tools and skills can improve writing
- **Goodness**—Planning a narrative that promotes moral goodness
- **Source**—Attributing the complexities of human language to God
- **Truth**—Evaluating research sources for reliability

Critical Thinking

- Brainstorming
- Collaboration: Think-Pair-Share and Write-Pair-Share
- Conferencing with teacher and peers
- Discussion
- Graphic organizers
- Gathering ideas
- Digital literacy
- Media literacy
- Shared writing
- Five-step writing process
- Conferencing: teacher and peer
- Proofreading marks
- Self-assessment checklists
- Developing media and digital literacy
- Reliability of sources
- Be CyberSmart!
- Influence, maturity, protection, discernment, leadership

Grammar and Syntax

- Facilitating syntactic awareness

- Sentence: fragment, compound sentence, and complex sentence
- Subjects and predicates
- Phrase, dependent clause, and independent clause
- Elaborating sentences
- Adverbs
- Conjunction
- Noun: common, proper, singular, plural, possessive, abstract, and collective
- Preposition
- Pronouns
- Verbs
- Attending to punctuation
- Capitalization

Text Structure

- Informative: compare-contrast essay
- Narrative: realistic story and tall tale
- Opinion: book review
- Poetry: acrostic poem
- Research report
- Creating paragraphs with structure
- Comparing and contrasting words
- Fact and opinion
- Introduction and conclusion paragraphs
- Main ideas
- Opinion words
- Outlining
- Reasons and examples

- Topic sentence
- Transition words

Writing Craft

- Choosing words
- Homophones
- Order of adjectives
- Using a thesaurus
- Attending to the task
- Audience
- Realistic fiction and tall tales
- Writing to entertain
- Writing to persuade
- Literary devices
- Alliteration
- Characters
- Dialogue
- Double negatives
- Frequently confused verbs
- Onomatopoeia
- Plot
- Pronoun reference
- Rhyme
- Subject-verb agreement

Study and Research Skills

- Keyword search
- Parts of a book
- Reliability of sources
- Types of reference books
- Using the library
- Studying skills
- Taking notes
- Outlining

Reading 4 Voyages 3rd Edition



Biblical Worldview Shaping

- **Justice**—Discerning justice in a story
- **Knowledge**—Exercising true knowledge in literature and life
- **Goodness**—Cultivating goodness in all areas of life
- **Relationship**—Stewarding relationships with God, others, and creation

Phonemic Awareness

- Developing phonemic awareness
- Rhyme and rhythm

Decoding

- Applying phonics concepts
- Optional remedial phonics

Word Recognition

- Decoding text
- Applying previously taught phonics

Background Knowledge

- Building meaning
- Graphic organizers
- Inferring
- Drawing conclusions
- Making predictions
- Cultural awareness
- Building knowledge
- Reading a variety of genres: autobiography, Bible accounts, biography, fiction, fable, fantasy, folktale, historical fiction, informational text, mystery, narrative nonfiction, drama, poetry, procedural text, reader's theater, realistic fiction, tall tale

Vocabulary

- Constructing meaning
- Analogies
- Context clues

- Morphology: Greek and Latin roots
- Multiple meanings
- Synonyms and antonyms
- Using vocabulary
- Reading, writing, and speaking

Language Structures

- Semantics
- Synonyms and antonyms
- Homophones
- Prefixes and suffixes
- Analogies
- Compound words
- Contractions
- Onomatopoeia
- Dialect

Spelling 4

2nd Edition



Decoding and Encoding

- Word study
- Word sort: classifying words based on word patterns
- Word building: forming words by manipulating patterns, syllables, and affixes
- Phonics and structural analysis activities
- Syllable division: base words and affixes, two-syllable vowel-consonant patterns, and unstressed syllables
- Word meaning activities: using words in context, meaning clues, synonyms, antonyms, homophones, analogies, and categories
- Accenting syllables: words with affixes, syllable patterns
- Dictionary location skills
- Alphabetical order to the fourth letter

- Alphabetizing words between guide words
- Using the pronunciation key
- Using a dictionary entry: entry word, pronunciation, word forms, definitions, sample sentences, and parts of speech

Writing and Spelling

- Proofreading
- Spelling awareness: identifying the correct spelling for a given word, identifying and correcting misspelled words in sentences or passages of increasing complexity
- Standardized test practice
- Dictation sentences for weekly tests
- Strengthening the application of spelling skills through writing prompts for writing sentences,

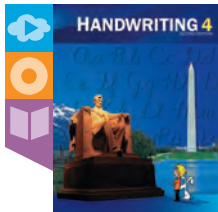
- lists, paragraphs, and journal entries
- Real-life writing application including writing a get-well card, an invitation, a journal entry, lists, and a descriptive paragraph

Automaticity

- Vowel patterns
- Short and long vowel patterns
- *r*-influenced vowel patterns
- Diphthongs
- Consonant patterns
- Consonant blends and digraphs
- Soft *c* structure
- Suffixes *-s*, *-es*, *-ed*, *-er*, *-est*, *-ing*
- No changes to base word
- Doubling the final consonant
- Dropping the final *e*

Handwriting 4

2nd Edition



Form, Production, and Automaticity

- Maintaining handwriting consciousness
- Maintaining correct letter formation, slant, and alignment in cursive
- Writing with a pen
- Self-evaluating handwriting
- Maintaining good handwriting skills using 3/8" writing lines

Writing Application

- Copying good models from various content areas with a

- theme of regions and territories of the United States, especially in connection to Heritage Studies 4
- Writing a legend, story, and informative paragraph
- Completing a chart, creating a poster, and writing a sentence to match an image
- Integrating content from the Bible, writing and grammar, science, and heritage studies
- Connecting handwriting with dictionary skills

- Applying handwriting to analyze timelines
- Connecting handwriting with reading comprehension
- Connecting handwriting, capitalization, and punctuation
- Connecting handwriting with sequencing
- Connecting handwriting with diagrams
- Connecting handwriting with outlining and proofreading

Grade 5

Bible 5

The Fullness of Time

1st Edition



Biblical Worldview Shaping

- **Glory**—Explaining how Jesus displays the glory of God
- **Kingdom**—Arguing that Jesus is the King who will restore right human rule in obedience to God
- **Covenants**—Explaining how the OT covenant promises are fulfilled in Jesus Christ and the New Covenant
- **Law/Wisdom**—Relating biblical wisdom to the blessed life
- **Divine Presence**—Analyzing how God dwells among His people throughout redemptive history
- **Atonement/Priesthood**—Explaining how Jesus' work restores people to God

Bible Content

- A chronological study of the New Testament

- Emphasizes understanding the Bible as one story of Creation, Fall, and Redemption
- Tracks the major themes of glory, kingdom, covenants, law/wisdom, atonement/priesthood, and divine presence throughout the life of Christ

Historical Figures

- Christ as the culmination of the major themes of the Bible

Doctrines

- Integrates doctrine into a study of the Creation-Fall-Redemption metanarrative of the New Testament

Christian Living Application

- Promotes thoughtful interaction with the Bible through questions and answers

- Encourages students to read and memorize Scriptures
- Introduces the students to Bible study tools
- Trains students to observe the biblical themes throughout the story of Scripture

Bible Truths

- 147 questions and answers that help students understand the progression of God's revelation of Himself and major biblical events and truths for growth in Christ

Bible Memory

- Accompanying memory verses for understanding and remembering major Bible principles from the lessons

Science 5

5th Edition



Biblical Worldview Shaping

- **History**—Analyzing explanations for the origins of the earth
- **Design**—Evaluating explanations of the appearance of design in nature
- **Humans**—Justifying the studying of science to benefit humans
- **Purpose**—Defending the claim that Christians should use science to care for the earth
- **Modeling**—Relating scientific models to the real world

General Science

- Describing various STEM careers
- Demonstrating science inquiry skills
- Making and using models
- Scientific investigation
- Scientific variables

Physical Science: Matter

- Origin of matter
- Properties of matter
- Physical and chemical properties
- Changes in matter
- States of matter
- Evenly and unevenly mixed mixtures
- Characteristics of solutions
- Measuring matter

- Classification of matter

Life Science: Ecosystems

- Interactions in an ecosystem
- Parts of an ecosystem
- Roles in an ecosystem
- Energy in an ecosystem
- Adaptation
- Changes in an ecosystem
- Native and invasive species

Life Science: The Human Body

- Immune system
- Respiratory system
- Respiratory problems
- Circulatory system
- Excretory system
- Nervous system
- Endocrine system

Earth and Space Science: The Geosphere

- Land biomes
- Aquatic biomes
- Conservation
- Layers of the earth
- Erosion and soil formation
- Minerals and rocks
- Mining
- Fossils and dinosaurs

- Contrasting Creation and evolution
- Excavating and restoring fossils
- Dating and interpreting fossils

Earth and Space Science: The Atmosphere

- Characteristics of the atmosphere
- Weather
- Storm safety
- Weather forecasting
- Weather instruments
- Weather maps

Earth and Space Science: The Cosmos

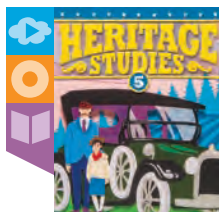
- Origin of the solar system
- Patterns in the solar system
- Observing stars and planets
- Asteroids and dwarf planets
- Star groups and maps
- Space exploration

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Building a floating model boat
- Building a terrarium
- Making a solar oven
- Protecting falling astronauts
- Collecting core samples from a potato

Heritage Studies 5

4th Edition



Focus

- American history from 500 BC to the 2010s

Biblical Worldview Shaping

- **Equality**—Developing a biblical view of equality
- **Freedom**—Explaining the nature of true freedom
- **Growth**—Relating the American ideal of growth to the Creation Mandate
- **Individualism**—Explaining the importance of both individuals and communities
- **Justice**—Identifying the chief obligation of the government as ensuring justice
- **Religion**—Proposing ways to resist secularism in society

Social Studies Skills

- Literacy skills
- Social studies skills
- Writing

Culture

- Languages
- Comparing Native American tribes
- Colonial family life, religion, and education
- Civil rights and challenges of black Americans
- The Gilded Age, entertainment, and the arts
- Rise of counterculture and feminism

- Current issues

History

- Events and personalities from pre-Columbus to the present
- Biblical evaluations of events, actions, and attitudes
- Origins of Native American tribes
- European explorers and exploration in America
- Impact of technological advances on exploration
- Early American settlements
- Biographies
- Great Awakening
- French and Indian War, the War for Independence, and the War of 1812
- Civil War
- Emancipation Proclamation and Reconstruction
- Westward expansion
- Civil rights bills and Black Codes
- WWI
- Great Depression and the New Deal
- WWII
- Korean War
- Space Race and the Cuban Missile Crisis
- Civil Rights Bill
- Roe v. Wade
- War in Vietnam, Watergate
- Operation Desert Storm, Tiananmen Square
- NAFTA

- Y2K and technology advancements
- 9/11, War in Iraq, and Hurricane Katrina

Geography

- Map skills
- Kinds of maps
- Native American tribes
- Urbanization and growth of cities

Government

- Colonial governments
- Declaration of Independence, Articles of Confederation, Constitution, Bill of Rights
- Political parties, branches of government, electoral college, Congress, and president
- Voting reform and suffrage
- Social Security and tax plans

Economics

- Inventions
- Stock market
- Supply and demand
- Colonial industry and farming
- Industrial Revolution, factory system, and inventions
- Slavery
- Corporations, trusts, capitalism, labor unions, and philanthropy
- Jobs of women in WWI and WWII
- Inflation, budgets, and deficits
- Reaganomics

Heritage Studies 5

History of America
5th Edition



Focus

- American history from the Creation Mandate and the Tower of Babel to 2024

Biblical Worldview Shaping

- **Freedom**—Evaluating actions and making right choices within proper boundaries
- **Individuality**—Applying a biblical balance to personal rights and responsibilities to others
- **Equality**—Treating other image-bearers as equals before God
- **Growth**—Understanding the importance of personal and community growth without harming others
- **Religion**—Analyzing the way people relate to and respond to who or what they worship

Social Studies Skills

- Literacy skills

- Digital literacy: using digital tools responsibly, using digital tools to enhance and demonstrate learning

- Timelines
- Maps
- Graphic Organizers
- Oral Presentations
- Primary/Secondary Sources
- Analyzing photos and political cartoons

Culture

- Native American cultures, religious beliefs, customs, languages
- Colonial life, religion, education

History

- Chronological presentation
- Events and personalities from pre-Columbus to the present
- Biblical evaluations of events, actions, and attitudes

Geography

- Political maps

- Route maps
- Expansion maps
- Battle maps

Government

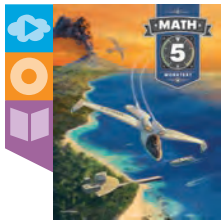
- Declaration of Independence, Articles of Confederation, US Constitution, Bill of Rights
- Political parties, branches of government, Electoral College, Congress, presidential elections
- Voting reform, Suffrage, Civil Rights

Economics

- Stock market
- Supply and demand
- Industrial Revolution
- Corporations, trusts, capitalism, tariffs, labor unions, and philanthropy
- Overproduction, stock
- Depressions, recessions
- Inflation, budgets, and deficits

Math 5

4th Edition



Biblical Worldview Shaping

- **Design**—Evaluating the belief that mathematical order is a result of chance
- **Modeling**—Explaining how math is useful for modeling the world
- **Service**—Applying math to serve others
- **Wisdom**—Applying math to devise wise plans
- **Work**—Proposing how math helps accomplish work

Numeration

- Recognizing and writing 0–100,000,000,000 as numerals and words
- Recognizing and writing Roman numerals I–C

Number Sense

- Generating number patterns
- Using a number line
- Reading and writing numbers in expanded form
- Comparing decimals using $<$, $=$, and $>$
- Rounding whole numbers and decimals

Addition

- Adding 6-digit addends
- Renaming to hundred thousands
- Identifying inverse relationships

Subtraction

- Subtracting with 6-digit minuends and subtrahends
- Renaming to hundred thousands
- Identifying inverse relationships

Multiplication

- Multiplying whole numbers
- Relating repeated addition to multiplication
- Relating multiples to multiplication
- Multiplying using arrays
- Multiplying 1- and 2-digit factors by 2-, 3-, or 4-digit factors
- Multiplying 3-digit factors by 3-digit factors
- Renaming
- Making factor trees
- Identifying prime and composite numbers
- Finding the GCF
- Finding the LCM

Division

- Making equal sets

- Describing division as the inverse of multiplication
- Dividing using the fraction form
- Dividing with up to 4-digit dividends and 2-digit divisors
- Dividing to find a 1-, 2-, or 3-digit quotient
- Dividing with remainders

Fractions

- Part of a whole or a set
- Explaining equivalent fractions
- Lowest terms
- Least common multiple and denominator
- Prime factorization
- Comparing fractions
- Adding and subtracting mixed numbers
- Using reciprocals
- Writing percentages as fractions and decimals
- Writing fractions as percentages
- Comparing percentages to decimals and fractions
- Finding the percentage of a number
- Relating multiplication to scaling

Decimals

- Writing decimals as fractions and mixed numbers
- Comparing and ordering decimals
- Renaming to thousandths
- Using money
- Multiplying a decimal by a whole number, by a decimal, and by a power of 10
- Dividing a decimal by a 1-digit whole number
- Dividing a whole number by a whole number with a decimal quotient

Algebra

- Using substitution and mental math
- Using positive and negative numbers
- Using addition, subtraction, and multiplication properties
- Using properties: identity, zero principle, distributive
- Writing expressions and equations
- Graphing ordered pairs on a coordinate plane

Geometry

- Identifying plane shapes (2-D)

- Edge, vertex
- Translation, reflection, and rotation
- Identifying solid shapes (3-D)
- Identifying shapes based on their properties: angles, faces, edges, vertices, and curved surfaces
- Nets
- Identifying and measuring angles
- Identifying similarity, congruence, and symmetry
- Using geometric measurement
- Area, perimeter, circumference, surface area, and volume

Estimation

- Rounding to a given place
- Rounding for addition, subtraction, multiplication, and division
- Estimating whole numbers, fractions, and decimals
- Estimating measurements

Measurement

- Rounding to a given place
- Rounding for addition, subtraction, multiplication, and division
- Estimating whole numbers, fractions, and decimals
- Estimating measurements

Problem-Solving

- Rounding to a given place
- Rounding for addition, subtraction, multiplication, and division
- Estimating

Statistics and Graphs

- Representing and interpreting data
- Interpreting statistics
- Probability

STEM

- Following the Engineering Design Process to solve a problem
- Writing an algorithm describing a map using an encrypted code
- Designing the best paper airplane for distance
- Developing a system for keeping and using financial records
- Designing an effective water filter
- Developing a recipe for an energy snack
- Designing a chair from recycled cardboard
- Designing and building a Lego prosthesis
- Designing a tessellation work of art

English 5 Writing & Grammar 2nd Edition



Parts of Speech

- Noun: common, proper, singular, plural, possessive; abbreviation; as a subject, object, and predicate noun
- Verb: action, linking, helping; present, past, future, perfect tenses
- Pronoun: subject, object, possessive, reflexive
- Adjective: article, demonstrative, proper, predicate adjective
- Adverb
- Preposition; conjunction: coordinating, subordinating

Sentence Structure

- Sentence: simple, compound, complex; fragment; subject part, simple subject, predicate, simple predicate
- Sentence types
- Compound subjects; compound predicates; clauses: independent, dependent; phrases: introductory, prepositional; diagramming; basic sentence patterns

Conventions

- Capitalization: proper nouns, titles, abbreviations, initials
- Punctuation: period, question mark, exclamation point, comma, apostrophe

Usage

- Homophones, pronoun reference; subject/verb agreement; contractions; prefixes; suffixes

Writing Skills

- Writing process: plan, draft, revise, proofread, publish
- Writing traits: ideas, organization, word choice, conventions
- Writing conference with teacher and peer
- Organizational and planning tools
- Proofreading marks to improve writing and make corrections
- Using a dictionary
- Using a thesaurus

Writing Projects

- Shared writing

- Independent writing
- Paragraph development
- Poetry: diamante, sense poem
- Compare-contrast essay, persuasive business letter, personal narrative, book review, research report, imaginative instructions, play

Study and Reference Skills

- Reference skills: parts of a book (title page, table of contents, index, glossary, bibliography), encyclopedia, periodicals, library (electronic catalog, atlas, almanac, textbook)
- Dictionary skills: guide words, parts of an entry, multiple definitions, multiple entries (homographs)
- Study skills: taking notes, outlining

Listening-Speaking Skills

- Speaking skills: oral book review, presenting a play

English 5 Writing & Grammar 3rd Edition



Biblical Worldview Shaping

- **Perception**—Describing the importance of writing on influencing perceptions
- **Personality**—Using textual elements that show writer personality
- **Pleasure**—Describing how writing can be enjoyable
- **Precision**—Distinguishing between precise and imprecise language

Critical Thinking

- Generating ideas
- Brainstorming
- Collaborative discussion
- Discussion
- Using graphic organizers
- Writing conferences with teacher and peers
- Gathering ideas
- Digital literacy: keyword search, internet safety, emails, and email etiquette
- Media literacy: visual analysis, reliability of sources
- Reference skills: parts of a book and types of reference books
- Research: using library and internet sources
- Taking notes, outlining, writing a bibliography
- Writing process
- Five-step writing process: plan, draft, revise, proofread, and publish
- Assessment rubric

- Oral presentation with visual aid
- Self-assessment checklist
- Developing media and digital literacy
- Internet safety
- Keyword search
- Reliability of sources
- Be CyberSmart!
- Maturity, protection, leadership, influence, and discernment

Grammar and Syntax

- Facilitating syntactic awareness
- Correcting fragments, comma splices, and fused sentences
- Phrase, dependent clause, and independent clause
- Sentence patterns
- Subjects and predicates
- Elaborating sentences
- Adjective
- Adverb
- Conjunction
- Noun
- Preposition
- Pronoun
- Verb
- Attending to punctuation
- Capitalization
- Punctuation

Text Structure

- Writing genre
- Informative: compare-contrast essay
- Narrative: personal narrative
- Opinion: book review and persuasive letter

- Poetry: diamante and sense poem
- Research report
- Creating paragraphs with structure
- Events and details
- Introduction and conclusion
- Reasons, facts, and examples
- Spatial words and phrases
- Time-order words and phrases
- Transition words and phrases

Writing Craft

- Choosing words
- Greek and Latin roots
- Meaning from context
- Multiple meanings
- Using a thesaurus
- Using sensory descriptive words
- Writing for a specific audience and a purpose on a topic
- Literary devices
- Frequently confused verb
- Subject-verb agreement
- Pronoun reference

Study and Research Skills

- Computer: safety/etiquette
- Dictionary skills
- Genre: fiction, nonfiction, and biography
- Information sources
- Keyword search
- Reference skills: parts of a book: title page and contents page
- Studying skills
- Listening

Reading 5 Quests 3rd Edition



Biblical Worldview Shaping

- **Truth**—Evaluating selections based on biblical truth
- **Goodness**—Analyzing selections' moral viewpoints
- **Beauty**—Analyzing selections to discern beauty

Phonemic Awareness

- Developing phonemic awareness
- Rhyme and rhythm

Decoding

- Applying phonics concepts
- Optional remedial phonics

Word Recognition

- Decoding text

- Applying previously taught phonics

Background Knowledge

- Building meaning
- Using graphic organizers
- Inferring
- Drawing conclusions
- Making predictions
- Building cultural awareness
- Using primary sources
- Building knowledge
- Reading a variety of genres

Vocabulary

- Constructing meaning
- Analogies

- Context clues
- Morphology: Greek and Latin roots, compound words
- Multiple meanings
- Synonyms and antonyms
- Using vocabulary
- Reading, writing, and speaking

Language Structures

- Semantics
- Synonyms and antonyms
- Analogies
- Imagery
- Wordplay

Spelling 5 2nd Edition



Decoding and Encoding

- Word study
- Word sort: classifying words based on word patterns
- Word building: forming words by manipulating patterns, syllables, and affixes
- Phonics and structural analysis activities
- Syllable division: base words and affixes, two-syllable vowel-consonant patterns, and unstressed syllables
- Word meaning activities: using words in context, meaning clues, synonyms, antonyms, homophones, categories, and analogies
- Accenting syllables: compound words, words with affixes, syllable patterns, and accent changes in homographs
- Dictionary skills
- Alphabetical order to the fourth letter

- Alphabetizing words between guide words
- Use of the pronunciation key
- Use of a dictionary entry: entry word, pronunciation, word forms, definitions, sample sentences, etymology, and parts of speech

Writing and Spelling

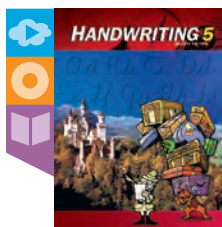
- Proofreading
- Spelling awareness: identifying the correct spelling for a given word, identifying and correcting misspelled words in sentences or passages of increasing complexity
- Standardized test practice
- Writing application
- Dictation sentences for weekly tests
- Strengthening the application of spelling skills through writing prompts for writing sentences, lists, paragraphs, and journal entries

- Real-life writing application including creating a flier or poster, writing a journal entry, and writing a thank-you note

Automaticity

- Vowel patterns
- Short and long vowel patterns
- *r*-influenced vowel patterns
- Diphthongs and the schwa
- Reliable patterns in two-syllable words
- Unstressed-syllable vowel patterns
- No changes to base word
- Doubling the final consonant
- Dropping the final *e*
- Changing *y* to *i*
- Compound words
- Inflectional suffixes, prefixes, and derivational suffixes
- Etymology: Greek and Latin word parts

Handwriting 5 2nd Edition



Form, Production, and Automaticity

- Maintaining handwriting consciousness
- Maintaining correct letter formation, slant, and alignment in cursive
- Writing with a pen
- Reviewing PreCursive
- Exploring alternative writing styles for enrichment
- Exploring ornamented letters

- Writing initials
- Practicing a personal signature
- Maintaining good handwriting skills using 3/8" writing lines

Writing Application

- Copying good models from various content areas with a theme of writing around the world
- Writing an invitation, captions, a fable, dialogue, map and diagram labels, and descriptive paragraphs

- Integrating content from the Bible, math, writing and grammar, science, and heritage studies
- Connecting handwriting with dictionary skills
- Applying handwriting to outlining
- Comparing letters from different languages
- Connecting handwriting with grammar

Grade 6



Bible Truths 6

Redemption:
God's Grand Design
4th Edition



Bible Content

- Integrates doctrine into a chronological and thematic study of the Old and New Testaments
- Bible characters include Adam and Eve, Noah, Abraham, Joseph, Ruth, David, Hezekiah, Jesus, Peter, and Paul.
- Themes include God's covenant, under the blood, God's providence, the Incarnate Word, the book of Revelation, and the history of the Bible.
- Lessons for Thanksgiving, Christmas, and Easter

Bible Study Skills

- Using a Bible commentary
- Reinforces interpreting meaning, using cross-references, abbreviations, a concordance, and a Bible dictionary

Character Emphasis

- Walking with God segments cover 38 application topics for students to study what God says and then evaluate their attitudes and actions.
- Character traits used in application stories and a novel show

students their need of Christ as Savior and application of biblical principles to personal-life situations.

Bible Truths for Christian Growth

- 164 questions correlated with 10 biblical themes

Bible Memory

- 36 verses or passages

Basics of a Biblical Worldview

1st Edition



Biblical Worldview Shaping

- **Worldview**—Arguing that everyone lives by a worldview
- **Structure and Direction**—Relating fallen and redemptive directions to the original good creation
- **Truth and Knowledge**—Relating the attributes of God to truth and knowledge
- **Personal Identity**—Formulating a biblical understanding of human identity
- **Culture**—Outlining a Christian perspective and relationship to culture
- **Relating to Others**—Explaining how Christian students should relate to friends, family, and society

Bible Content

- Introduces the concept of worldview by encouraging students to think about the way they think (metacognition)

- Introduces students to the parts of a worldview: the big story of the world; the beliefs and values that come out of that big story; and the resulting actions of both individuals and cultures
- Uses the Bible to answer the worldview questions: Where did I come from? Why am I here? What's wrong with the world? What can make it right? Where am I headed?
- Encourages students to evaluate non-biblical worldviews in light of Scripture
- Helps students understand their identity in God's big story—created in the image of God, fallen in Adam, and redeemable in Christ
- Encourages students to obey the Creation Mandate and the Great Commandments to love God and their neighbor

- Encourages students to strengthen society through their relationships with their families, friends, and communities
- Equips students to deal with other worldviews and religions with answers from the biblical worldview

Bible Unit Studies

- Unit 1: What Is a Worldview?
- Unit 2: How Should the Bible Shape My Worldview?
- Unit 3: Who Is God, and Why Should I Care?
- Unit 4: Who Am I?
- Unit 5: How Should I Spend My Time?
- Unit 6: How Should I Relate to Others?
- Unit 7: How Should I Fit into Society?
- Unit 8: How Do I Relate to People with Other Worldviews?

Science 6 4th Edition



Biblical Worldview Shaping

- **Creator**—Explaining how order in Creation reflects the Creator
- **Dominion**—Explaining ways that people have harnessed discoveries to improve life
- **People**—Defending the value of human life
- **Worldview**—Evaluating approaches to the study of science

General Science

- Process skills
- Science tools
- Microscopes
- The scientific method

Physical Science: Matter

- Atomic structure
- Atomic theory
- Periodic table of the elements
- Compounds
- Chemical formulas
- Chemical reactions
- Atomic bonds
- Acids and bases

Physical Science: Motion

- Distance and speed
- Velocity
- Acceleration
- Momentum
- Newton's laws of motion
- Work
- Simple machines
- Compound machines

Physical Science: Energy

- Static and current electricity
- Series and parallel circuits
- Measuring electricity

- Batteries
- Magnetism
- Electronics
- Integrated circuits
- Computers
- Waves
- Earthquake waves

General Life Science

- Cells and classification
- Characteristics of living things
- Cell theory
- Tissues, organs, and systems
- Cell reproduction
- Six kingdoms of classification
- Scientific names
- Genetics
- Heredity
- Traits
- DNA structure
- Mendel's experiments
- Dominant and recessive genes
- Punnett squares
- Genetic disorders and diseases
- Genetic engineering

Life Science: Microorganisms and Plants

- Plant classification
- Nonvascular plants (mosses and liverworts)
- Seedless vascular plants (ferns, horsetails, and club mosses)
- Seed-bearing vascular plants (gymnosperms and angiosperms)
- Parts of a plant

Life Science: Animals

- Invertebrate phyla
- Vertebrates

- Reproduction

Life Science: The Human Body

- Nervous system
- Endocrine system
- Immune system

Earth and Space Science: The Geosphere

- Earthquakes
- Plate tectonics and faults
- Causes of earthquakes
- Detecting seismic activity
- Recording and interpreting data from earthquakes
- Building for earthquakes
- Causes of volcanoes
- Locations of volcanoes
- Classifying volcanoes by shape and eruption
- Effects and products of volcanoes
- Weathering and erosion
- The rock cycle
- Types and examples of mechanical and chemical weathering
- Agents of erosion
- Soil
- Natural resources
- Minerals
- Conservation: reduce, reuse, recycle

Earth and Space Science: The Cosmos

- Stars
- Solar system
- Space exploration

Science 6 5th Edition



Biblical Worldview Shaping

- **Foundations of Science**—God's Word provides necessary context and direction for scientific endeavors.
- **Limitations of Science**—Science cannot provide absolute truth or answer certain questions, but the models it provides can be very useful.
- **Origins**—A young-Earth biblical timeline is crucial to rightly understanding nature.
- **Dominion**—God has given people authority over the earth, and they must wisely steward its resources.
- **Ethics**—Good decision-making depends on a biblical approach to issues.

General Science

- Process skills
- Science tools
- Microscopes
- The scientific method
- Models in science
- Limitations of science

Physical Science: Matter

- Atomic structure
- Atomic theory
- Periodic table of the elements
- Compounds
- Chemical formulas
- Chemical reactions
- Atomic bonds
- Law of conservation of matter

Physical Science: Motion

- Motion measurements (distance, speed, velocity, and acceleration)

- Contact and field forces
- Gravity
- Newton's laws of motion

Physical Science: Energy

- Kinetic and potential electricity
- Static and current electricity
- Magnetism and electricity
- Generators

Physical Science: Waves

- Wave behavior
- Sound waves
- Light waves

General Life Science

- Characteristics of living things
- Cell theory
- Tissues, organs, and systems
- Cell structures
- Levels of classification
- Scientific names

- Heredity traits
- DNA structure
- Mendel's experiments
- Dominant and recessive genes
- Genetic probability
- Genetic engineering

Life Science: Microorganisms and Plants

- Plant classification
- Nonvascular plants
- Seedless vascular plants
- Seed-bearing vascular plants

- Parts of a plant
- Pollination and fertilization
- Asexual reproduction

Life Science: Animals

- Animal classification (invertebrates and vertebrates)
- Animal roles in their environments
- Animal reproduction (adaptation and natural selections)

Earth and Space Science: The Geosphere

- Earthquakes and faults

- Plate tectonics
- Volcanic eruptions
- Rock cycle
- Mechanical and chemical weathering
- Agents of erosion
- Nonrenewable and renewable energy resources
- Conservation

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem

Heritage Studies 6

3rd Edition



Focus

- Developing a Christian worldview of ancient civilizations (Creation to AD 1500)

Geography

- Map skills
- Climate
- Natural resources
- Topography
- Comparison of characteristics of ancient civilizations with the modern regions

World History

- Historical events

- Conflicts between nations
- Archaeological findings

Government

- Empires and kingdoms
- Rulers
- Development of cities

Economics

- Trade
- Currency
- Job specialization

Culture

- Religions and philosophies
- Ancient customs and traditions

- Languages
- Arts and music
- Food and clothing

American History

- Ancient influences on American government and economy
- World War II

Social Studies Skills

- Cause and effect
- Timeline
- Costs and benefits
- Primary sources

Heritage Studies 6

Ancient Civilizations

4th Edition



Focus

- World cultures (Creation to AD 1500)

Biblical Worldview Shaping

- **Bible and History**—Defending the Bible as an accurate historical source
- **Citizenship**—Explaining the process of making a new law
- **Environment**—Proposing responsible ways to reshape the environment
- **Justice**—Relating the idea of justice to the image of God in all humans
- **Power**—Analyzing the use of power in history
- **World Religions**—Relating religion to how cultures develop

Social Studies Skills

- Cause and effect
- Timeline
- Costs and benefits
- Primary and secondary sources: evaluating strengths and weaknesses, selection
- Essays
- Interview skills
- Drawing conclusions
- Graphic organizers
- Maps
- Cataloging artifacts

- Distinguishing fact from legend
- Detecting point of view, bias

Culture

- Religions and philosophies
- Ancient customs, traditions, and achievements
- Languages
- Art, literature, and music
- Food and clothing
- Influence of ancient cultures on surrounding cultures
- Influence and impact of religions on ancient cultures

History

- Ancient Mesopotamia, Egypt, Israel, India, China, Persia, Greece, Rome, Mesoamerica, Africa, and Japan
- The Byzantine Empire
- The Middle Ages in Europe
- Conflicts between nations
- Archaeological findings
- Ancient influences on American government and economy
- Biographies
- Technological advancement, inventions, and innovation

Geography

- Map skills and migration routes
- Climate; natural resources and animals

- Topography
- Comparison of characteristics of ancient civilizations with the modern regions
- Impact of ancient peoples on their geography
- Impact of geography on ancient culture

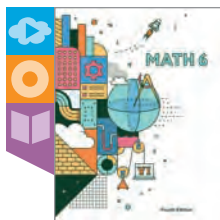
Government

- Empires and kingdoms
- Ancient governmental structures
- Rulers
- Development of cities
- Conflicts
- Conflict resolution
- Feudalism
- Trial by jury

Economics

- Trade
- Trade routes
- Currency
- Job specialization
- Cost/benefit analysis
- Applications to personal finance
- Resources and ancient industries
- Impact of geography on economic success
- Impact of trade on religious dissemination

Math 6 4th Edition



Biblical Worldview Shaping

- **Design**—Explaining how God reveals Himself in the created order
- **Knowledge**—Describing the kinds of knowledge facilitated by mathematical study
- **Modeling**—Explaining how mathematical models are created in the context of a person's worldview
- **Service**—Applying math to serve other people as God intended

The Number System

- Finding and placing rational numbers on a number line
- Using positive and negative numbers in real-world contexts
- Relating rational numbers and their absolute values
- Place value
- Exponent
- Squares and square roots
- Classifying real numbers
- Adding and subtracting using a number line
- Mental computation
- Multiples
- Multiplying multi-digit numbers and decimals
- Multiplying by a power of 10
- Factor trees
- Prime and composite numbers
- Finding GCF and LCM
- Equal sets
- Fraction form
- Divisibility rules
- Mental division by 10
- Dividing multi-digit numbers and decimals
- Dividing fractions by fractions
- Determining averages and unit rates
- Remainders
- Mixed number and decimal quotients
- Order of operations
- Equivalent fractions
- Comparing fractions
- Ordering fractions
- Lowest terms

- Expressing fractions as percents and decimals
- Operations with like and unlike fractions
- Cross-products
- Cancellation
- Writing as fractions and mixed numbers
- Comparing decimals
- Renaming to thousandths
- Word forms
- Estimation
- Rounding whole numbers and decimals to a given place
- Rounding fractions to the nearest half or whole
- Front-end estimation
- Time zones
- Timeline
- 24-hour clock
- Wages
- Introduction of speed, distance, and time
- Using unit multipliers
- Problem-solving
- Multi-step problems
- Problems with too little or too much information
- Group planning
- Problem-solving plan
- Guess and check
- Diagram/model
- Simpler problem
- Using the $d = rt$ formula
- Using ratio tables
- Working backwards
- Writing an equation using a variable to represent an unknown

Expressions, Equations, and Functions

- Numerical and algebraic expressions
- Writing one-variable equations and inequalities with whole-number exponents
- Solving one-variable equations and inequalities
- Using independent and dependent variables
- Using inverse operations

- Operations with integers
- Variables in expressions and equations

Geometry

- Naming rays
- Similarity and congruence
- Supplementary and complementary angles
- Sum of angles in a triangle = 180°
- Finding unknown measures
- Classifying by angles and sides
- The Pythagorean Theorem
- Identifying and naming lines
- Finding the volume of rectangular prisms
- Finding the surface area of 2-D and 3-D figures

Ratios, Proportions, and Percents

- Constructing and classifying 3-D figures
- Properties of solids: face, edge, vertex, curved surface
- Nets
- Identifying and naming lines

Statistics and Probability

- Graphs, tables, charts, schedule, tallies, frequency tables, box plots, stem-and-leaf plot
- Box-and-whisker plot
- Venn diagram, pictograph, bar and double bar graph, line and double line graph
- Histogram, circle graph, coordinate graph, dot plots
- Explaining the center, spread, and overall shape of statistical data
- Mean, median, mode, range
- Experimental probability

STEM

- Following the Engineering Design Process to solve a problem
- Designing UV-protective clothing
- Writing an evacuation plan algorithm
- Building a popsicle-stick bridge
- Writing a business plan

English 6 Writing & Grammar 2nd Edition



Parts of Speech

- Noun: common, proper, singular, plural; abbreviation; appositive; singular and plural possessive; English words from Greek root words; as subjects, objects
- Verb: principal parts; past, present, and future tenses; perfect tenses
- Pronoun: subject, object, possessive, reflexive, intensive, interrogative, demonstrative, indefinite; with antecedent
- Adjective: article, proper, demonstrative, predicate adjective
- Adverb: comparative, superlative
- Preposition; conjunction: coordinating, subordinating; interjection

Sentence Structure

- Sentence, fragment, run-on, simple, compound, complex, declarative, interrogative, imperative, exclamatory
- Complete subject and predicate; simple subject and predicate; compound subjects and predicates
- Dependent, independent, and introductory clauses

- Using a dictionary
- Prepositional phrases
- Sentence patterns
- Diagramming

Conventions

- Capitalization: proper nouns, proper adjectives, abbreviations, initials, titles
- Punctuation: period, question mark, exclamation point, comma, apostrophe

Usage

- Homophones; pronoun reference; subject/verb agreement; contractions; often-confused verbs; double negatives; misplaced modifiers; prefixes; suffixes

Writing Skills

- Writing process: plan, draft, revise, proofread, publish
- Writing traits: ideas, organization, word choice, conventions
- Organizational tools: details chart, outline, persuasive chart, planning chart, plot diagram, time-order chart, Venn diagram, word web; bibliography; outline
- Rubric for self-assessment

- Proofreading marks to improve writing and make corrections
- Using a dictionary
- Using a thesaurus; avoiding propaganda tactics

Writing Projects

- Shared writing
- Independent writing
- Paragraph development
- Poetry: limerick, free verse
- Personal narrative, newspaper editorial, instructions, research report, historical fiction, compare-contrast essay, cover letter

Study and Reference Skills

- Reference skills: parts of a book (title page, table of contents, index, glossary, bibliography)
- Dictionary skills: guide words, parts of an entry, multiple definitions
- Study skills: taking notes, outlining

Listening-Speaking Skills

- Speaking skills: oral publishing for written instructions

Writing & Grammar 6 3rd Edition



Biblical Worldview Shaping

- **Verity**—Defending the proposition that good writing is truthful writing
- **Clarity**—Choosing words that facilitate clarity
- **Charity**—Evaluating style of writing and its effect on the reader
- **Sincerity**—Proposing strategies for writing with authenticity
- **Dexterity**—Analyzing strategies used to improve writing

Critical Thinking

- Contributing ideas to partner, group, and class discussions
- Using a writer's notebook
- Analyzing model, visual, and mentor texts for writing craft
- Conducting an interview
- Developing research skills
- Writing a paraphrase without plagiarism
- Writing a bibliography
- Writing a thesis
- Writing a topic outline
- Planning the elements of a narrative

- Writing with audience and purpose in mind
- Creating an introduction that generates interest
- Crafting a conclusion that summarizes your topic or your opinion
- Collaborating with teachers to improve writing
- Using a rubric to self-evaluate
- Using a revising checklist
- Giving and receiving feedback in a peer conference
- Distinguishing primary and secondary sources
- Choosing relevant and reliable sources
- Writing a paraphrase without plagiarism

Media & Digital Literacy

- Developing media and digital literacy
- Evaluating advertisements for truthfulness
- Creating a digital slideshow, podcast, or digital display
- Be CyberSmart!

Grammar & Syntax

- Using noun forms
- Using pronouns in the proper case
- Using verb tenses
- Using articles, proper adjectives, demonstrative adjectives, and predicate adjectives
- Using adverbs to modify verbs, adjectives, and adverbs
- Using coordinating, subordinating, and correlative conjunctions
- Using interjections in written dialogue

Conventions (Mechanics & Usage)

- Capitalizing proper nouns
- Capitalizing confusing proper nouns based on context
- Choosing end punctuation for effect
- Using punctuation
- Abbreviations
- Following plural noun spelling patterns
- Ensuring subject-verb agreement
- Pronoun agreement

- Confusing verbs
- Using homophones
- Using confusing modifiers

Writing Structure

- Narrative
- Informative
- Argumentative
- Poetry

Writing Craft

- Paragraph development
- Developing topics with facts and examples
- Building an argument with reasons and evidence
- Using time-order and spatial words and phrases in a narrative

- Using transitional words
- Developing a writing voice
- Creating vivid images with sensory language
- Using precise words and vivid details
- Maintaining a formal style
- Using dialogue in a narrative
- Paraphrasing a passage

Study Skills

- Busting common study myths
- Organizing study materials and study space
- Participating actively in class
- Creating a study plan

- Handling challenges with the STAR strategy
- Practicing retrieval
- Setting goals
- Preparing strategically for tests
- Learning the P2R reading strategy
- Using available resources to handle academic difficulty
- Using mnemonic devices
- Using visuals to aid recall
- Developing habits (exercise, nutrition, hydration, and sleep) that build brainpower
- Using reflection to grow and celebrate

Perspectives in Literature 6

3rd Edition



Biblical Worldview Shaping

- **Choices**—Proposing how characters should have made better choices
- **Courage**—Recommending strategies for depending on God
- **Knowledge**—Proposing ways to develop personal abilities
- **Leadership**—Evaluating statements about what makes a good leader
- **Overcoming Evil**—Proposing ways to stand against evil
- **Relationship**—Explaining the importance of relationships

Craft and Structure

- Literary elements
- Plot
- Narrator's voice
- Person
- Setting, theme, tone
- Allegory, allusion
- Dialogue, inner dialogue
- Dialect: archaic language
- Figurative language
- Foreshadowing
- Imagery
- Irony: dramatic, situational, verbal
- Riddle, suspense, symbolism, wordplay, rhyme
- Acts and scenes
- Dramatis personae

- Stage directions
- Cause and effect

Critical Thinking

- Analyzing visual media for meaning
- Completing graphic organizers
- Conducting research, independently and collaboratively
- Analyzing author and illustrator backgrounds
- Applying reading strategies to analyze a text's significant characteristics
- Reading a text closely to determine explicit meaning and make inferences
- Supporting conclusions with textual evidence
- Assessing the worldview of characters
- Determining the author's purpose
- Identifying the tone
- Evaluating the author's message
- Determining the significance of a title
- Comparing and contrasting a text with another medium
- Analyzing arguments
- Identifying a call to action

Writing

- Writing paragraphs in response to literary and informational texts

- Writing essays, book reports, video script, poems, and short narratives
- Delivering oral presentations
- Performing a play
- Speaking effectively before an audience
- Reflecting
- Answering essential questions

Literary Knowledge

- A variety of genres

Comprehension Skills

- Consulting a glossary
- Previewing vocabulary words
- Using context clues
- Annotating text
- Building background knowledge
- Chunking
- Drawing conclusions
- Making connections: text-to-text, text-to-world, text-to-self
- Making inferences
- Making and verifying predictions
- Previewing text
- Sequencing events in a narrative
- Summarizing the details of a text
- Visualizing text
- Reading prose and poetry aloud
- Reading a play silently before reading it aloud

Spelling 6

2nd Edition



Decoding and Encoding

- Word study
- Word sort: classifying words based on word patterns
- Word building: forming words by manipulating patterns, syllables, affixes, and word roots
- Phonics and structural analysis activities
- Syllable division: base words and affixes, two-syllable vowel-consonant patterns, and unstressed syllables
- Word meaning activities: using words in context, meaning clues, synonyms, antonyms, homophones, categories, analogies, derivations, and sentence completion
- Accenting syllables: compound words, words with affixes, syllable

- patterns, and accent changes in homographs and derivations
- Dictionary skills
- Alphabetizing words between guide words
- Use of the pronunciation key
- Use of a dictionary entry: entry word, pronunciation, word forms, definitions, sample sentences, and etymology

Writing and Spelling

- Proofreading
- Spelling awareness: identifying the correct spelling for a given word, identifying and correcting misspelled words in sentences or passages of increasing complexity
- Standardized test practice writing application
- Dictation sentences for weekly tests

- Real-life writing application including writing a letter, instructions, a personal narrative, and a descriptive paragraph

Automaticity

- Vowel and consonant patterns
- Reliable patterns in two-syllable words
- Unstressed-syllable vowel patterns

Structure

- No changes to base word
- Doubling the final consonant
- Dropping the final *e*
- Changing *y* to *i*
- Compound words
- Inflectional suffixes, prefixes, and derivational suffixes
- Etymology: Greek and Latin word parts

Handwriting 6

2nd Edition



Form, Production, and Automaticity

- Maintaining correct letter formation, slant, and alignment in cursive
- Defining calligraphy terms
- Developing correct letter and number formation, slant, spacing, and alignment in Chancery calligraphy
- Maintaining good handwriting skills using 3/8" writing lines

- Developing good chisel-point pen hold

Writing Application

- Copying good models from various content areas with a theme of people and professions
- Exploring the professions
- Writing captions
- Integrating content from Bible, writing and grammar, science, and heritage studies

- Connecting handwriting with dictionary skills
- Connecting handwriting and timelines
- Connecting handwriting with sequencing
- Applying handwriting to write a schedule
- Applying handwriting to write a check
- Connecting handwriting and literary terms



Elementary Spanish

Pasaporte al Español Kit A



Communication

- Using more than 250 Spanish words and phrases in context
- Using numbers to 100
- Developing listening-comprehension skills by moving, pointing, coloring, reading, and spelling through a variety of worktext activities
- Read-aloud books
- Recordings of conversations by native speakers
- Total physical response commands for listening and modeling

Cultures

- Describing cultural aspects of 8 Spanish-speaking countries
- Describing Hispanic culture in general

Connections

- Integrating interdisciplinary connections, such as science, math, music, and drama
- Practicing grammar, vocabulary, and pronunciation through songs, Bible verses, and Bible truths

Comparisons

- Comparing Hispanic culture with the students' own culture through recipes, music, and additional theme-related cultural information

Communities

- Developing interest in missionary work
- Participating in community outreach activities

Pasaporte al Español Kit B



Communication

- Using more than 500 Spanish words and phrases in context
- Developing listening-comprehension skills by moving, pointing, coloring, reading, and spelling through a variety of worktext activities
- Read-aloud books
- Recordings of conversations by native speakers
- Total physical response commands for listening and modeling

Cultures

- Describing cultural aspects of 8 Spanish-speaking countries
- Describing Hispanic culture in general

Connections

- Making interdisciplinary connections with heritage studies, science, math, geography, and other subjects
- Practicing grammar, vocabulary, and pronunciation through

songs, Bible verses, and Bible truths

Comparisons

- Contrasting Hispanic culture with the students' own culture through recipes, music, and additional theme-related cultural information

Communities

- Developing interest in missionary work

Grade 7



The Story of the Old Testament

1st Edition



Biblical Worldview Shaping

- **Covenants**—Relating God's blessing to His covenants with His people
- **Kingdom**—Relating the Creation Mandate to the kingdom of God
- **Law**—Arguing for the necessity of the Mosaic law for the people of God
- **Presence of God**—Analyzing the loss and restoration of God's presence with God's people

Bible Content

- Takes students on a journey through the story of the Old

Testament, including both the Major and Minor Prophets

- Includes special studies: narrative sections of the Old Testament complemented by features that cover the "writings" sections of the Old Testament
- Points students to Jesus Christ, who will fulfill all the promises of redemptive history prophesied in the Old Testament
- Focuses on the Bible study skill of observation

Bible Unit Studies

- Unit 1: Creation & Fall

- Unit 2: God's Covenant with Abraham
- Unit 3: God's Covenant with Israel through Moses
- Unit 4: The Weakness of the Old Covenant
- Unit 5: The Promise of the Line of David
- Unit 6: The Line of David: Failure & Hope
- Unit 7: The Line of David: Doomed to Failure?
- Unit 8: God's People Protected and Restored to the Land

Life Science

5th Edition



Biblical Worldview Shaping

- **Design**—Synthesizing observations and biblical teachings about design
- **Ethics**—Formulating positions on bioethics from Scripture
- **Gender**—Describing a biblical view of human sexuality
- **History**—Evaluating claims about the origin of life
- **Modeling**—Explaining how modeling affects scientific theories
- **Worldview**—Relating the significance of the Creation Mandate to life science

General Science

- Definition of science
- Science and worldview
- Biblical vs. naturalistic worldviews
- Science and biblical ethics
- Modeling
- Thinking scientifically
- Limitations of science

General Life Science

- God's living world
- Characteristics of life
- Homeostasis
- Design of life
- Life science and modeling
- Scientific inquiry
- Classification of life
- Cell structure
- Cell theory
- Cell types

- Cell structure and function
- Cellular respiration
- Photosynthesis
- Information in the cell
- Genes
- DNA replication
- RNA transcription
- Protein synthesis
- Cell division
- Mitosis and meiosis
- Genetics
- Mendelian genetics
- Genetic crosses
- Variations on simple genetics
- Population genetics
- Natural selection
- Change in nature
- Evidence of change
- Biblical creationism vs. evolutionism
- Worldview and change

Life Science: Microorganisms and Plants

- Bacteria and viruses
- Protists and fungi
- The plant kingdom
- Plant functions

Life Science: Animals

- Classification
- Characteristics of animals
- Characteristics and classifications of invertebrates: sponges,

- cnidarians, worms, mollusks, echinoderms, arthropods
- Characteristics and classifications of vertebrates: endotherms vs. ectotherms; fish, amphibians, reptiles, birds, and mammals
- Structure and function
- Nutrition
- Maintaining homeostasis
- Transport
- Support, movement, and control
- Reproduction and behavior
- External and internal fertilization
- Egg structure and development
- Placental reproduction
- Innate and learned behavior
- Communication

Life Science: The Human Body

- Support and movement
- Energy
- Transport
- Control
- Reproduction, growth, and development

Earth and Space Science: The Geosphere

- Ecology
- Managing and protecting the environment

Earth and Space Science: The Atmosphere

- Cycles of matter

- Water cycle
- Oxygen and carbon cycles
- Nitrogen cycle

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Building a better insect trap

World Studies 5th Edition



Focus

- World cultures (AD 1500 to the present)

Biblical Worldview Shaping

- **Citizenship**—Evaluating the exercise of citizenship in different countries
- **Environment**—Proposing responses to negative effects on the environment
- **Justice**—Defending the need to promote justice in society
- **Power**—Explaining a biblical view of power
- **Religion**—Explaining how Jesus Christ is the central figure in world history

Social Studies Skills

- Cause and effect
- Primary and secondary sources
- Graphic organizers, maps

History

- Rise of European, Asian, and Mongol empires
- Renaissance
- Protestant Reformation, Counter-Reformation
- Impact of wars and conflicts on nations and empires
- Age of Exploration

- Rise of the transatlantic slave trade
- American colonization
- Eurasian empires and achievements
- Enlightenment and the Scientific Revolution
- Oceania
- French Revolution and the Reign of Terror
- Biographies
- Industrial Revolution
- Abolitionists and the end of slavery
- Darwin and the theory of evolution
- Women’s suffrage
- Colonial Africa
- British world influence
- Meiji Restoration
- WWI, WWII, and total war
- Holocaust
- Cold War, détente, containment, and proxy conflicts
- Dissolving of the Soviet Union and the Berlin Wall
- Urbanization
- European Economic Community
- Environmental movement
- Nuclear weapons and proliferation

- Wars on terror
- Arab Spring
- Global power shifts

Geography

- Influence of geography on the development of civilizations
- Patterns of settlement

Government

- Decline of feudalism
- Comparing and contrasting governments of past empires
- Participation of governments in slave trade
- Influence of religion on governments
- Absolutism and totalitarianism
- Limited government and democracy
- Authoritarian rule
- Socialism and fascism

Economics

- Expansion of world trade routes
- Exploring motives for exploration
- Rise of cities, commercial towns, and centers of commerce
- Colonization, mercantilism, capitalism, Marxism, and imperialism
- Cottage industry and factories
- Rise of Asian economic influence
- Growth of global economy

Fundamentals of Math

2nd Edition



Whole Numbers

- Comparing and ordering; estimating; operations; exponents; roots of perfect squares

Decimals

- Comparing and ordering; rounding; approximating square roots; operations; scientific notation

Number Theory

- Divisibility; factors; prime and composite numbers; GCD and LCM; converting to and adding in other number bases

Fractions

- Equivalent fractions; mixed numbers; comparing and ordering; operations; order of operations

Rational Numbers

- Ratio and proportion; solving proportions; scale drawings; decimals as rational numbers; finding a percent (part) of a number; finding the percent; finding the whole amount

Using Percents

- Enlargement and reduction; sales tax; discounts; sale price; simple

interest; commission; percent change

Measurements

- Customary units of length, capacity, and weight; SI (metric) units of length, capacity, and mass; renaming metric units; time zones; temperature conversions; precision

Geometry

- Measuring angles; pairs of angles; perpendicular and parallel lines; transversal of parallel lines; polygons; circle; perimeter and circumference; Pythagorean theorem; congruent and similar figures

Area and Volume

- Area of quadrilaterals, triangles, and circles; areas of similar figures; surface area of prisms, cylinders, and pyramids; volume of prisms and cylinders

Probability and Statistics

- Fundamental principle of counting; permutations; probability; mean, median, and mode; circle, bar, and line graphs; histograms;

box-and-whisker plots; stem-and-leaf diagrams

Integers

- Ordering; operations; applying order of operations; expansion to and properties of the real numbers

Algebra

- Evaluating expressions; solving one- and two-step equations; solving one- and two-step inequalities

Relations and Functions

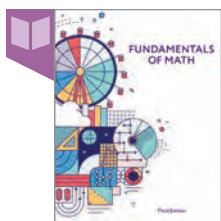
- Coordinate plane; functions and function rules; graphing linear functions; slope; translation of figures in a plane

Logic and Set Theory

- Statements and negations; compound and conditional statements and negations; truth tables; sets and subsets; union and intersection of sets; finite and infinite sets

Fundamentals of Math

3rd Edition



Biblical Worldview Shaping

- **Design**—Formulating an argument for design in creation using mathematical patterns
- **Ethics**—Explaining how a Christian can use mathematics ethically
- **Knowledge**—Explaining mathematics as naming under God's authority
- **Modeling**—Describing mathematical models that correspond with an orderly world
- **Reasoning**—Formulating consistent conclusions through orderly mathematics

The Number System

- Whole numbers and decimals
- Integers
- Operations
- Order of operations

- GCF and LCM
- Fraction theory
- Fractions
- Estimation
- Measurement
- Problem-solving with rational numbers

Expressions, Equations, and Functions

- Numerical and algebraic expressions
- Equations and inequalities
- Relations and functions
- Properties: commutative, associative, identity; zero principle

Geometry

- Geometrical figures
- Geometric measurements
- Finding the area of 2-D geometrical figures

- Finding the volume and surface area of 3-D geometrical figures

Ratios, Proportions, and Percents

- Ratios and proportions
- Percents

Statistics and Probability

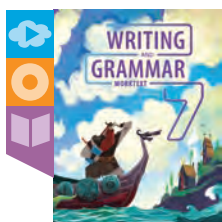
- Statistics
- Probability

STEM

- Following the Engineering Design Process to solve a problem
- Building a weather observation station
- Building a simple circuit
- Building a water timer
- Using STEM to serve the community

Writing & Grammar 7

4th Edition



Biblical Worldview Shaping

- **Balance**—Harmonizing emphasis on the subject, audience, and writer
- **Truth**—Evaluating a false claim using a primary source
- **Virtue**—Applying biblical principles to posting on social media
- **Crafted**—Formulating a belief using elements of craft

Critical Thinking

- Analyzing mentor texts for writing craft
- Conducting an interview
- Developing research skills
- Distinguishing primary and secondary sources
- Writing a paraphrase and a summary without plagiarism
- Representing sources fairly and accurately
- Accurately citing sources in MLA form
- Creating a works cited page
- Using the writing process
- Choosing a topic: listing, asking questions, and brainstorming
- Planning the elements of a narrative
- Identifying a counterargument for a persuasive essay
- Writing with audience and purpose in mind
- Using a hook to capture readers' attention
- Creating an effective introduction and conclusion for informative and argumentative essays
- Crafting a satisfying ending for a narrative
- Collaborating with parents to improve writing
- Creating an effective title
- Making a polished final copy
- Creating a layout and design for an article

- Reflecting on the writing processes
- Presenting knowledge

Media & Digital Literacy

- Developing media and digital literacy
- Be CyberSmart!

Grammar & Syntax

- Using noun forms
- Using pronoun types
- Using independent possessives
- Using verb types
- Using positive, comparative, and superlative forms for regular and irregular adjectives
- Distinguishing adjectives from adverbs
- Distinguishing prepositions from adverbs
- Using coordinating, subordinating, and correlative conjunctions
- Distinguishing prepositions from subordinating conjunctions
- Interjections
- Syntactic awareness
- Varying sentence length
- Writing with a variety of sentence types
- Writing with a variety of sentence structures
- Correcting sentence errors
- Correcting ambiguous pronoun references
- Expanding sentences with phrases
- Positioning adverbs correctly
- Correcting misplaced and dangling modifiers
- Using appositive phrases to tighten writing

Conventions (Mechanics & Usage)

- Capitalizing proper nouns
- Using appropriate end punctuation

- Abbreviations
- Spelling
- Ensuring subject-verb and pronoun-antecedent agreement
- Differentiating adjectives and adverbs
- Avoiding double negatives and double comparisons
- Using modifiers with count and noncount nouns
- Using possessive pronouns and contraction homonym pairs correctly
- Using numbers or figures in writing

Writing Structure

- Narrative
- Informative
- Argumentative
- Using organizational methods
- Using organizational strategies

Writing Craft

- Paragraph development
- Style
- Genre writing
- Paragraph structure
- Genre conventions

Study Skills

- Developing an interest in learning
- Using the parts of a book
- Reading textbooks
- Improving your study time
- Scheduling your study time
- Using profitable memory techniques
- Improving your reading comprehension
- Taking tests

Exploring Themes in Literature

5th Edition



Biblical Worldview Shaping

- **Community**—Explaining how the biblical teaching that people need each other is found in literature
- **Justice**—Analyzing moral problems
- **Love**—Evaluating views of love
- **Perseverance**—Proposing motivations for perseverance
- **Purpose**—Explaining biblical motivations for action
- **Transformation**—Comparing how transformation happens

Craft and Structure

- Character, conflict, mood
- Plot, point of view
- Setting, theme, tone, and moral tone
- Allusion, dialogue
- Figurative language
- Poetic devices and structure
- Cause and effect
- Chronological order
- Compare and contrast
- Order of importance
- Parallelism
- Problem-solution

Critical Thinking

- Analyzing visual media for tone, theme, meaning, and technique
- Brainstorming
- Completing graphic organizers
- Conducting research
- Contributing ideas to partner, group, and discussions
- Identifying primary sources

- Distinguishing prose and poetry
- Distinguishing realistic fiction and fantasy
- Examining graphic features
- Examining text features in informational text
- Analyzing headnotes
- Analyzing author background
- Activating prior knowledge
- Applying reading strategies to analyze a text's significant characteristics
- Finding the main idea and supporting details
- Reading a text closely
- Analyzing how the text's structure serves the text's meaning
- Identifying genre features
- Analyzing character
- Examining author intentions and style
- Understanding oral tradition
- Comparing and contrasting a text with another medium
- Analyzing arguments and persuasive text
- Responding to literary and informational texts
- Writing in multiple genres
- Developing interview questions
- Delivering individual and collaborative oral presentations and a multimedia presentation based on a writing assignment
- Delivering a TED Talk presentation
- Participating in a panel discussion
- Performing a dramatic dialogue

- Presenting an oral reading of a poem
- Speaking effectively before an audience
- Digital and media literacy
- Reflecting
- Multiple genres

Comprehension Skills

- Analyzing word parts
- Applying the target words
- Completing graphic organizers
- Visualizing vocabulary words
- Activating prior knowledge
- Asking questions
- Building background knowledge
- Chunking
- Comparing and contrasting text elements and ideas
- Drawing conclusions
- Making connections: text-to-text, text-to-world, text-to-self
- Making inferences
- Making and verifying predictions
- Paraphrasing an author's ideas
- Previewing text
- Sequencing events in a narrative
- Setting a purpose for reading
- Summarizing the details of a text
- Visualizing text
- Participating in interactive partner reading
- Reading poetry aloud
- Reading a dialogue aloud
- Performing a table reading of a scene from a play
- Participating in a choral reading

Vocabulary

Level A
3rd Edition



Vocabulary Acquisition

- Context clues
- Seventh-grade disciplines
- Comparing the use of a word to its use in other contexts
- Latin prefixes *per-*, *ad-*, *e-*, *ex-*, *in-*, *super-*, *supra-*, *inter-*, *intra-*, *ante-*, and *trans-*
- Latin roots *mit*, *pell/puls*, *leg/lect*, *cept*, *flu*, *vide/vise*, *ven/vent*, *urb*, *ced*, *port*, *gress*, and *ject*
- Latin suffixes *-ion* and *-ious*

- Word-building from word parts
- Inductive learning practices
- Consulting references
- Comparing etymologies with modern meaning
- Consulting an index of all words, word parts, and concepts

Vocabulary Use

- Writing
- Spelling principles, clipped words, blends, and compounds

- Journaling on words created from word parts
- Journaling on word contexts
- Denotations and connotations
- Using context clues
- Synonyms, antonyms, homonyms, and analogies
- Domain-specific applications
- Journaling on words discovered outside of class
- Building reading comprehension

Grade 8

The Life of Christ

1st Edition



Biblical Worldview Shaping

- **The Atonement**—Defending Christ's atonement as essential for salvation
- **Christlikeness**—Analyzing how Christlikeness should be lived out
- **Jesus: God and Man**—Defending Jesus' identity as fully God and fully man
- **The Kingdom of God**—Summarizing the coming, nature, and signs of the kingdom
- **Responses to Christ**—Assessing the motivations for differing responses to Christ

- **The Gift of the Spirit and the Internalization of the Law**—Relating the law of God and the work of the Holy Spirit

Bible Content

- Covers the words and works of Christ in the Gospels (particularly the book of Matthew) as they relate to the Messianic fulfillment of the one true big story of God's redemptive plan and the coming of the kingdom
- Focuses on the Bible study skill of interpretation and the applicational emphasis of Christlikeness or sanctification

Bible Unit Studies

- Unit 1: God's Redemptive Plan
- Unit 2: Preparation for Ministry
- Unit 3: The Sermon on the Mount (Part 1)
- Unit 4: The Sermon on the Mount (Part 2)
- Unit 5: Jesus' Ministry: Presenting Himself as the Christ
- Unit 6: Responses to Christ
- Unit 7: The Coming of Christ's Kingdom
- Unit 8: The Fulfillment of God's Redemptive Plan

Earth Science

4th Edition



- **Introduction to earth science:** earth science and exercising biblical dominion, worldviews and science, the structure of science, scientific models, what earth science is; maps and cartography; introduction to physical science
- **The restless earth:** Earth as a special place designed for life, the earth's interior structure, natural resources; old- and young-Earth origin theories of the earth, evidences for catastrophic changes in the earth's history, models for geologic tectonics
- **Earth's rocky materials:** describing minerals, identifying and classifying minerals, minerals as resources; classifying rocks, igneous rocks, sedimentary rocks, metamorphic rocks, critiquing the uniformitarian rock cycle; the process of fossilization, paleontology, fossil fuels; weathering,

erosion and deposition, soils and soil formation

- **The water world:** ocean basins and landforms, seawater composition, ocean environments; tides, currents, waves; history of oceanography, methods and instruments, deep-sea exploration, underwater habitats, research vehicles; stream characteristics, lakes and ponds, limnology; groundwater reservoirs, groundwater chemistry, water as a resource, solution caves and karst topography
- **The atmosphere:** composition and thermal structure of the atmosphere, winds, clouds, precipitation, winter storms, thunderstorms, tornadoes, hurricanes, weather forecasting, weather maps, applications of GIS in weather modeling; describing climate and climate zones, climate

data and interpretation, observed short-term climate changes from volcanism and oceanic cycles, climate models, climate change, environmentalism and biblical stewardship of the environment

- **The heavens:** the sun-Earth-moon system—models of the solar system, Kepler's laws, classification and brief description of the planets, dwarf planets, small solar system bodies, evidences for a young solar system, constellations and star properties, stellar classification and the H-R diagram, stellar aging, classification of galaxies, nonstellar objects, cosmology and worldviews; challenges of space exploration, rocketry, principles of satellite and space probes, challenges and need for manned space exploration

Earth Science

5th Edition



Biblical Worldview Shaping

- **Life**—Explaining why Earth is well-suited for life
- **Glory**—Explaining how earth science declares God's glory
- **Origins**—Evaluating old-Earth positions
- **Creation Mandate**—Explaining why Christians should be concerned about the environment
- **Modeling**—Evaluating the usefulness of models in earth science

General Science

- Worldviews and science
- The structure of science
- The scientific process
- Scientific models

Physical Science: Matter

- Describing the forms of matter
- Describing how matter changes from one state to another
- Demonstrating ways to measure matter

Physical Science: Motion

- Classifying forces into different kinds
- Describing how forces work in the universe
- Explaining the significance of the force of gravity

Physical Science: Energy

- Describing energy
- Classifying energy into different types
- Explaining the significance of the principle of the conservation of energy
- Describing work

General Earth and Space Science

- Why study earth science?
- Exercising biblical dominion
- Definition of earth science
- Maps and cartography
- Geographic information systems (GIS)

Earth and Space Science: The Geosphere

- Operational and historical geology
- The earth's interior structure
- Natural resources
- Old- and young-Earth origin theories of the earth
- Evidences for catastrophic changes in the earth's history
- Models for geologic tectonics
- Tectonic forces, faults, and earthquakes
- Rocks and minerals
- Critiquing the uniformitarian rock cycle
- The process of fossilization
- Paleontology, fossil fuels
- Weathering, erosion, and deposition
- Soils and soil formation

Earth and Space Science: The Hydrosphere

- Ocean basins and landforms
- Seawater composition
- Lakes, ponds, streams, and caves

Earth and Space Science: The Atmosphere

- Composition and thermal structure of the atmosphere

- Special regions
- Energy in the atmosphere
- Measurable weather data
- Wind
- Global wind patterns
- Precipitation
- Storms
- Weather forecasting
- Describing climate and climate zones
- Climate data and interpretation
- Environmentalism and biblical stewardship of the environment

Earth and Space Science: The Cosmos

- The sun-Earth-moon system
- Models of the solar system
- Kepler's laws
- Evidences for a young solar system
- Constellations and star properties
- Stellar classification and the H-R diagram
- Classification of galaxies
- Nonstellar objects
- Cosmology and worldviews
- Challenges of space exploration

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Building earthquake-resistant structures
- Building a model rocket

The American Republic

4th Edition



Topic

- American history

Geography

- Geographic development of the United States through land acquisition; profiles of major geographic regions

History

- Introduction to the history of America

Government

- Republican form of government under the Constitution

Economics

- Development and effects of inventions and industries;

successes and problems of the free market

Religion

- Influence of Christianity on American history; influences of religious diversity

Culture

- Interaction of people, ideas, and cultures in America

American Republic

5th Edition



Biblical Worldview Shaping

- **Equality**—Analyzing government policies aimed at ensuring equality
- **Freedom**—Evaluating different views of freedom
- **Gratitude**—Defending the importance of gratitude in a nation
- **Growth**—Analyzing American growth in light of Scripture
- **Individualism**—Suggesting ways to prioritize national interests while helping other nations
- **Justice**—Evaluating major historical events based on a biblical view of justice
- **Religion**—Relating religious motivations to significant historical actors and events

Culture

- Interaction of people, ideas, and cultures in America
- Influence of Christianity on American history
- Influences of religious diversity
- Immigration's impact on American culture
- Impact of wars on United States culture

History

- Biographies
- America before colonization
- European exploration and slavery
- Colonization

- Puritanism and religious groups
- Great Awakening
- French and Indian War
- The War for Independence
- Louisiana Purchase
- War of 1812
- Industrial Revolution, innovations, and inventions
- Increased immigration
- Second Great Awakening
- Westward Expansion, settler and Indian conflicts, homesteading, cowboys, and outlaws
- Civil War, abolitionists, slave owners, significant battles, and the Emancipation Proclamation
- Industrialism
- WWI, Roaring Twenties, the Great Depression, WWII, and the Holocaust
- Postwar America, the civil rights movement, the Cold War, and the Space Race
- Korean War, Vietnam War, and Iran Hostage Crisis
- Collapse of Communism and the Persian Gulf War
- Culture wars, September 11, conflict in Afghanistan, COVID-19

Geography

- Geographic development of the United States through land acquisition

- Profiles of major geographic regions
- Expansion of sea trade
- Challenges exploring and settling the land
- National resources and industries

Government

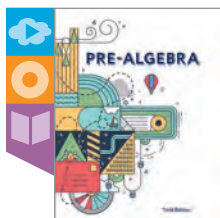
- Colonial governments
- Declaration of Independence, Articles of Confederation, Constitution, Bill of Rights, amendments
- Three branches of government
- Spoils system
- States' rights
- Presidential elections
- Political parties

Economics

- Development and effects of inventions and industries
- Successes and problems of the free market
- Exploration costs, benefits, and funding
- Colonial economies, economic classes, and taxes
- Economic strengths and weaknesses of the North and South during the Civil War
- Industrialism, sole proprietorships, partnerships, corporations, and labor unions

Pre-Algebra

3rd Edition



Biblical Worldview Shaping

- **Design**—Applying mathematics to praise God for His design of the world
- **Ethics**—Formulating a biblical ethic regarding mathematics
- **Knowledge**—Applying mathematical knowledge to the exercise of the Dominion Mandate
- **Modeling**—Explaining how mathematical models enable us to describe reality
- **Reasoning**—Applying mathematical reasoning to develop skill in wise living

The Number System

- Integers
- Rational expressions
- Operations with rational numbers
- Decimal equivalents
- Converting repeating decimals to fractions

- Estimation

Expressions, Equations, and Functions

- Expressions
- Equations and inequalities
- Applying equations and inequalities
- Functions
- Systems of linear equations

Geometry

- Triangles and polygons
- Similarity and congruence
- Translation, reflections, rotations, and dilations
- Geometric measurement

Ratios, Proportions, and Percents

- Graphing proportional relationships
- Percents

Statistics and Probability

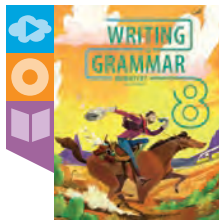
- Measures of central tendency and variation
- Representing data
- Distribution tables
- Constructing and interpreting scatterplots and trend lines
- Using two-way tables to represent bivariate data
- Simple and compound events

STEM

- Following the Engineering Design Process to solve a problem
- Using a potato as a power source
- Building an AM radio
- Using logic
- Making a binary adder

Writing & Grammar 8

4th Edition



Biblical Worldview Shaping

- **Discernment**—Evaluating advertising strategies and persuasive techniques
- **Empathy**—Analyzing how using active and passive voice can show empathy to the reader
- **Logic**—Composing a paragraph delineating reasons for a position
- **Virtue**—Creating MLA-formatted citations with integrity

Critical Thinking

- Generating ideas
- Brainstorming
- Contributing ideas to partner, group, and discussions
- Participating in collaborative activities
- Using a writer's notebook
- Gathering information
- Analyzing visual texts
- Analyzing mentor texts for writing craft
- Conducting an interview
- Creating anchor charts
- Developing research skills
- Practicing logic
- Distinguishing between fact and opinion
- Identifying bias and propaganda
- Using the writing process: planning, drafting, revising, proofreading, publishing
- Reflecting
- Presenting knowledge
- Speaking effectively before an audience
- Answering audience follow-up questions
- Actively listening to speakers
- Assessing personal and peer presentations

Media & Digital Literacy

- Developing media and digital literacy

- Analyzing how visuals communicate and influence
- Analyzing advertisements for techniques and purposes
- Locating reliable websites
- Creating a digital storytelling video
- Creating a multimedia slide presentation
- Collaborating on a digital presentation
- Be CyberSmart!

Grammar & Syntax

- Parts of speech
- Writing with a variety of sentence types
- Writing with a variety of sentence patterns
- Correcting compound sentence errors
- Expanding and combining sentences
- Correcting misplaced and dangling modifiers
- Using verb moods

Conventions (Mechanics & Usage)

- Capitalizing proper nouns and adjectives
- Using appropriate end punctuation
- Using periods, colons, semicolons, hyphens, dashes, apostrophes, quotation marks, and parentheses
- Punctuating dialogue
- Italicizing or underlining words
- Spelling
- Ensuring subject-verb agreement
- Ensuring pronouns agree with their antecedents
- Using contractions
- Avoiding double negatives
- Using homonyms

Writing Structure

- Narrative writing
- Informative writing
- Argumentative writing
- Creative writing
- Multigenre project
- Using organizational strategies

Writing Craft

- Paragraph development
- Developing topics with facts, examples, statistics, anecdotes, sensory details, and reasons
- Building an argument with reasons, quotations, and evidence
- Using transitional words
- Developing a writing voice
- Using verbals to add detail
- Writing with strong action verbs
- Writing with vivid and concrete nouns
- Using adjectives to add detail and concreteness to writing
- Using adverbs to add nuance to writing
- Maintaining a formal style
- Writing an effective narrative
- Writing the multigenre project

Study Skills

- Developing an interest in learning
- Using the parts of a book
- Reading textbooks
- Helpful tips for classroom learning
- Scheduling your study time
- Using study and memory techniques
- Improving your reading comprehension
- Using prefixes, suffixes, and roots
- Taking tests

Making Connections in Literature

4th Edition



Biblical Worldview Shaping

- **Freedom**—Evaluating views of freedom
- **Generosity**—Analyzing the focus of generosity in light of biblical teaching
- **Maturity**—Comparing views of how someone matures
- **Nature**—Developing an appreciation for God’s creation
- **Wisdom**—Discerning the best course of action through worldview analysis

Craft and Structure

- Character conflict
- Mood
- Plot
- Point of view
- Setting
- Tone and moral tone
- Literary techniques
- Poetic devices and structure
- Drama elements and structure

Critical Thinking

- Gathering information
- Analyzing visual media for tone, theme, meaning, and technique
- Brainstorming
- Completing graphic organizers
- Conducting an interview
- Conducting research
- Identifying and comparing primary sources
- Distinguishing prose and poetry

- Examining text features and graphic features
- Collaborating
- Analyzing headnotes
- Analyzing author background
- Building knowledge
- Finding the main idea and supporting details
- Reading a text closely
- Analyzing how the text’s structure serves the text’s meaning
- Identifying genre features
- Analyzing literary techniques
- Analyzing literary elements
- Analyzing character
- Examining author intentions and style
- Understanding oral tradition
- Evaluating texts
- Comparing two texts
- Analyzing arguments and persuasive text
- Responding to literary and informational texts
- Writing in multiple genres
- Delivering presentations
- Presenting an oral reading of a poem
- Speaking effectively before an audience
- Creating a digital presentation
- Creating a scene for a graphic novel
- Reflecting to answer essential questions

- Evaluating contributions to collaborative projects
- Using a rubric to assess writing projects and presentations

Literary Knowledge

- Variety of genres

Comprehension Skills

- Vocabulary
- Completing graphic organizers
- Creating word maps
- Paraphrasing definitions
- Previewing vocabulary words
- Using context clues
- Annotating text
- Asking questions
- Building background knowledge
- Comparing and contrasting text, elements, and ideas
- Drawing conclusions
- Making connections: text-to-text, text-to-world, text-to-self
- Making inferences
- Making and verifying predictions
- Monitoring comprehension
- Paraphrasing an author’s ideas
- Previewing text
- Reading aloud poetry to identify sound devices
- Sequencing events in a narrative
- Setting a purpose for reading
- Sketching your way through the text
- Summarizing the details of a text
- Visualizing text
- Reading aloud

Vocabulary

Level B
3rd Edition



Vocabulary Acquisition

- Context clues
- Eighth-grade disciplines
- Comparing the use of a word to its use in other contexts
- Etymologies
- Latin prefixes *ob-*, *sub-*, *a-/ab-/abs-*, *intro-*, *circum-*, *re-*, *contra-*, and *counter-*
- Latin roots *fer*, *pone/pose*, *vert/verse*, *spect*, *tract*, *act*, *dic/dict*, *fact*, *vol*, *bene*, and *male*
- Latin suffix *-ate*

- Word-building from word parts
- Inductive learning practices
- Consulting references
- Comparing etymologies with modern meaning
- Consulting an index of all words, word parts, and concepts

Vocabulary Use

- Writing
- Spelling principles, clipped words, blends, and compounds
- Journaling on words created from word parts

- Journaling on word contexts, denotations, and connotations
- Using context clues
- Synonyms, antonyms, and homonyms
- Domain-specific applications
- Journaling on words discovered outside of class
- Building reading comprehension

Grade 9



Bible 9



Why the Bible Matters

- Discusses the Bible's design and function, focusing on how the Bible relates to science, history, and literature; explains how the Bible can help us make decisions and evaluate ideas

Publish Great Things

- Presents the biblical teaching on world missions and includes practical methods for teen involvement in missions; focuses on key biblical doctrines supporting God's desire to save all from sin; provides activities to motivate students to reach the world for Christ

That I May Know Him

- Presents aspects of Christ's character and focuses on His relationships with various groups of people in the Gospel of Mark

The Triumph of Christ

1st Edition



Biblical Worldview Shaping

- **Christ**—Analyzing how Jesus fulfilled the roles of Prophet, Priest, and King
- **Church**—Summarizing the formation and maturation of the early church
- **Gift of the Spirit**—Summarizing the role of the Holy Spirit in the life of a believer
- **Kingdom**—Explaining how Jesus inaugurated and will consummate the kingdom
- **Law**—Explaining the New Covenant's relation to the Mosaic Covenant and God's Law
- **Sin, World, Flesh**—Creating a plan for battling sin

- **Union with Christ**—Defending the concept of union with Christ as central to Christianity
- **Wisdom**—Relating biblical wisdom to the teaching of Jesus

Bible Content

- Details the one big story of Scripture (Creation, Fall, Redemption) from Acts to Revelation and the instruction for the church on how to live out the beliefs and values that are derived from that one true big story
- Focuses on the Bible study skill of application and reinforces a proper model of sanctification for maintaining a holy walk

Bible Unit Studies

- Unit 1: The Birth of the Church (Acts 1–8)
- Unit 2: The Gospel to the Gentiles (Acts 9–15)
- Unit 3: The Gospel Unhindered (Acts 16–28)
- Unit 4: The Church Growing in Purity (The Early Epistles)
- Unit 5: The Unity of the Church (Paul's Major Epistles)
- Unit 6: Equipping the Church (Prison and Pastoral Epistles)
- Unit 7: The Church as Enduring Sojourners (The General Epistles)
- Unit 8: The Church Triumphant (John's Writings)

Physical Science

6th Edition



Biblical Worldview Shaping

- **Dominion**—Evaluating the effectiveness of solutions to problems in physics and chemistry
- **Ethics**—Formulating a biblical pattern for answering ethical questions raised in science
- **Modeling**—Evaluating how well models of matter represent physical matter
- **Pursuit of Science**—Defending a Christian pursuit of science as the normative approach to science
- **Order**—Evaluating modern theories regarding order in nature

General Science

- Modeling
- Biblical vs. secular worldview
- Laws, theories, and hypotheses
- The Creation Mandate
- Methodologies of science

Physical Science: Structure of Matter

- Scientific measurement
- Classifying matter and energy

- Changes in matter
- The atomic model
- Structure of the atom
- The periodic table
- Electronegativity and electrons
- Bonding and compounds
- Introduction to organic chemistry and biochemistry

Physical Science: Changes in Matter

- Writing balanced chemical equations
- Stoichiometry
- Types of chemical reactions
- Energy in chemical reactions
- Reaction rates and equilibrium
- Radiation and nuclear changes
- Classifying mixtures
- Solutions and the solution process
- Measuring concentration
- Acids and bases
- Salts from acid-base reactions
- pH system and measurement

Physical Science: Motion

- Kinematics
- Dynamics

Physical Science: Energy

- Kinetic and potential energy
- Energy transformations and conservation
- Energy resources
- Thermodynamics
- Electric fields and current
- Magnets and magnetism
- Electromagnetism

Physical Science: Waves

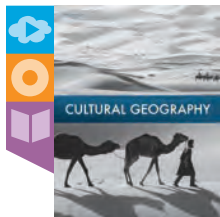
- Description of periodic motion
- Waves and wave phenomena
- Sound, light, and their properties

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Designing a better motor
- Designing a paper boat
- Creating coast erosion defenses
- Designing a sound-dampening surface

Cultural Geography

5th Edition



Biblical Worldview Shaping

- **Aesthetics**—Explaining the relationship between culture and beauty
- **Physical Environment**—Formulating a biblical view of Earth's resources
- **Institutions**—Evaluating how government interacts with citizens
- **Social Groups**—Analyzing cultural characteristics and diversity in regions
- **Religion**—Evaluating religion in a region based on biblical teaching

Social Studies Skills

- Maps
- Primary sources
- Geographical technology
- Drawing conclusions
- Research
- Graphic organizers

Culture

- Eight cultural regions and their influence on lifestyles, languages, arts, and cultures
- Influence of geography on world cultures
- Regional and national cultural characteristics and diversity
- Rise and impact of world religions

History

- Missionary narratives
- Timelines

Geography

- Complete survey of geographic principles and regions
- Physical geography: earth, earth-shaping processes, landforms, and bodies of water
- Regional and national climates, weather
- Regional and national changes over time, demographics, capitals, major cities, populations, resources, and environmental issues

- Human impact on geography
- Geographical influence on human migration
- Using geographical information to plan for the future

Government

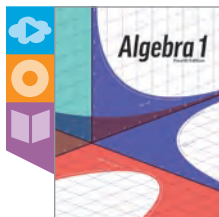
- Overview of types of governments
- Current issues
- Interactions between national governments and their people
- Regional and national political issues
- Impact of governmental policies on geographical changes

Economics

- Influence of land, climate, and resources on national economics
- Interactions between nations, individuals, and physical environments
- Regional and national economic diversity, industries, and resources

Algebra 1

4th Edition



Biblical Worldview Shaping

- **Design**—Defending the claim that mathematics helps us to see design in creation
- **Ethics**—Formulating an ethical position using math
- **Foundations**—Formulating an understanding of math grounded in Scripture
- **Modeling**—Applying mathematical models appropriately to decisions
- **Reasoning**—Defending the categorical difference between a mathematical conclusion and a scriptural truth

Number and Quantity

- The real number system
- Quantities
- The complex number system
- Vector and matrix quantities

Algebra

- Expressions
- Equations and inequalities

Functions

- Interpreting functions
- Building functions
- Linear, quadratic, and exponential models

Statistics and Probability

- Interpreting categorical and quantitative data
- Conditional probability and the rules of probability

Technology

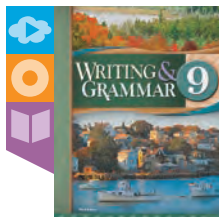
- Graphing calculator tips

STEM

- Following the Engineering Design Process to solve a problem
- Designing and building a water wheel to lift weights
- Designing and building a catapult to launch a ping-pong ball and hit a target

Writing & Grammar 9

3rd Edition



Parts of Speech (and Verbals)

- Review of all from grade 8 plus the following new material: noun—collective; verb—indicative and imperative moods; adjective—determiner; adverb—qualifier, relative; preposition—phrasal; conjunction—subordinating; verbals—verbal phrases with objects

Sentence Structure

- Review of all from grade 8 plus the following new material: dependent clause—adverb clause; clause structure—compound-complex

Mechanics

- Capitalization; punctuation; spelling

Usage

- Review of all from grade 8 plus the following new material: modifier placement—misplaced modifier, two-way modifier, dangling modifier

Writing Skills

- Review of all from grade 8 plus the following new material: paragraph development—comparison/contrast; style—conciseness, smoothness, fresh words; sentence variety—length and complexity, sentence patterns, sentence beginnings; sentence expansion and reduction—dependent clauses, phrases, single words; sentence logic—misplaced and dangling modifiers; parallelism; avoiding biased language

Examples of Writing Projects

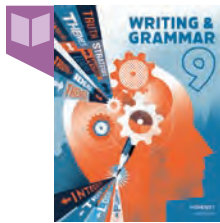
- Description: comparison/contrast paper
- Exposition: five-paragraph research essay, storyboard (public service announcement)
- Narration: personal experience
- Persuasion: devotional
- Poetry: quatrain, diamante

Study & Reference Skills

- Review of all from grade 8 plus the following new material: dictionary—inflected forms, variant spellings, field label, stylistic label; library—Cutter number; reference tools—*New York Times Index*, subject index, yearbook, Bible commentary; reading comprehension—comparison and context; test-taking strategies—analogy

Writing & Grammar 9

4th Edition



Biblical Worldview Shaping

- **Identity**—Responding to peer feedback on personal expression
- **Integrity**—Explaining the value of choosing credible, unbiased sources
- **Judgment**—Distinguishing between fact and opinion
- **Logic**—Justifying the organization of an outline

Critical Thinking

- Generating ideas
- Brainstorming
- Contributing ideas to partner, group, and discussions
- Analyzing visual texts
- Analyzing model and mentor texts
- Conducting an interview
- Developing research skills
- Using the writing process
- Presenting knowledge

Media & Digital Literacy

- Developing media and digital literacy
- Identifying deceptive advertising practices
- Analyzing advertisements for persuasion techniques
- Locating reliable websites
- Safely publishing a blog
- Creating a meme or comic
- Producing a video
- Designing a multimedia presentation
- Collaborating to shoot and edit a film
- Creating a podcast

- Be CyberSmart!

Grammar & Syntax

- Parts of speech
- Syntactic awareness
- Using subjects and predicates
- Using complements
- Using active- and passive-voice verbs
- Varying sentence length and complexity
- Writing with a variety of sentence types, patterns, and structures
- Varying the beginnings of sentences with modifiers
- Writing with independent and dependent clauses
- Coordinating and subordinating ideas in sentences for conciseness and emphasis
- Using verb moods

Conventions (Mechanics & Usage)

- Capitalization, punctuation, abbreviations, spelling
- Ensuring subject-verb agreement
- Ensuring pronouns agree with their antecedents
- Using confusing modifiers
- Avoiding double negatives and double comparisons

Writing Structure

- Genre writing
- Narrative
- Informative
- Argumentative
- Creative
- Letters
- Workplace writing

- Using organizational methods

Writing Craft

- Unifying a paragraph around a central idea
- Developing topics with facts, examples, statistics, anecdotes, sensory details, reasons, and comparison/ contrast
- Building an argument with reasons and evidence
- Using quotations to support opinions and ideas
- Writing well-developed supporting paragraphs
- Using transitions

Study Skills

- Studying smarter
- Cultivating curiosity and developing a growth mindset
- Managing yourself and your learning
- Using available resources
- Creating a consistent study routine
- Getting organized
- Actively learning in the classroom
- Taking notes
- Using the PQRS reading strategy
- Using active reading strategies
- Studying outside the classroom
- Practicing retrieval
- Preparing for tests
- Taking tests with confidence
- Setting SMART goals
- Utilizing memory techniques
- Establishing healthy routines
- Developing grit

Fundamentals of Literature

2nd Edition



Approach

- Critical

Organization

- Six unit divisions: conflict, theme, character, structure, point of view, moral tone

Content

- Range of selections: classic to contemporary
- Genres represented: fiction, nonfiction, poetry, drama

- Cultures represented: American, English, French, Russian, Swedish, Japanese
- Supplementary material: *Cyrano de Bergerac* (video)

Features

- The introductory essays focus on six basic elements of literature. These elements lay the foundation for the student's understanding of interpretive literature and prepare him for the more

detailed literary analysis in the tenth-grade text. In addition, the text uses Scripture passages to illustrate and clarify literary concepts. The unit introduction, the headnotes, and the end questions for each story encourage the student to use the information gleaned from reading to find meaning, to analyze that meaning in light of Scripture, and to apply the lessons to life.

Fundamentals of Literature

3rd Edition



Biblical Worldview Shaping

- **Endurance**—Formulating biblical reasons to endure hardships
- **Discernment**—Discerning what is true, good, and beautiful
- **Hope**—Formulating a plan to become hopeful in a fallen world
- **Influence**—Proposing ways to influence others for good
- **Identity**—Evaluating where literary characters ground their identity
- **The End**—Evaluating choices based on a character's view of death and eternity

Craft and Structure

- Character, conflict
- Mood, plot
- Point of view
- Setting, theme
- Tone and moral tone
- Allegory, allusion, archetype
- Atmosphere, dialogue
- Figurative language
- Foreshadowing, hook
- Imagery, irony
- Plot twist, sound devices
- Suspense, symbolism
- Anaphora, ballad stanza
- Enjambment, epic conventions
- Meter, refrain, rhyme, rhythm
- Stanza, verse
- Acts and scenes
- Comedy, tragedy, stage directions
- Cause and effect
- Chiasmus, chronological order
- Frame narrative and inner story
- Parallelism

Critical Thinking

- Analyzing visual media for tone, theme, meaning, and technique

- Conducting an interview
- Distinguishing primary and secondary sources
- Examining text features and graphic features
- Participating in collaborative activities, including determining roles and guidelines for group work
- Applying reading strategies to analyze a text's significant characteristics
- Reading a text closely to determine explicit meaning and make inferences
- Analyzing literature of historical significance
- Analyzing how the text's structure and literary elements serve the text's meaning
- Identifying genre features
- Analyzing literary techniques
- Analyzing literary elements
- Examining author intentions and style
- Understanding oral tradition

Integration of Knowledge and Ideas

- Evaluating texts in a variety of formats
- Comparing two texts with similar themes or topics
- Analyzing how a subject is represented in an artistic medium
- Comparing and contrasting a text with another medium
- Analyzing arguments and persuasive text
- Responding to literary and informational texts
- Writing in multiple genres

- Delivering oral and multimedia presentations
- Using a spell checker
- Assessing reading purposes or goals
- Answering essential questions

Literary Knowledge

- Variety of genres

Comprehension Skills

- Analyzing word parts
- Applying the target words
- Completing graphic organizers
- Consulting footnotes and text boxes during reading
- Creating word maps
- Locating unfamiliar words and their definitions during independent reading
- Previewing vocabulary words
- Using a knowledge rating scale
- Using context clues
- Visualizing vocabulary words
- Annotating text
- Comparing and contrasting text elements and ideas
- Explaining a poem by paraphrase
- Making connections: text-to-text, text-to-world, text-to-self
- Making and verifying predictions
- Paraphrasing an author's ideas
- Setting a purpose for reading
- Sketching your way through the text
- Skimming
- Summarizing the details or message of a text
- Visualizing text
- Marking text
- Reading aloud with appropriate accuracy, rate, and expression

Vocabulary

Level C

3rd Edition



Vocabulary Acquisition

- Context clues
- Ninth-grade disciplines
- Comparing the use of a word to its use in other contexts

Etymologies

- Latin prefixes *con-*, *pre-*, *post-*, *de-*, *dis-/di-*, *se-*, *extra-/extro-*, *retro-*, and *pro-*
- Latin roots *rupt*, *sent/sens*, *reg/rect*, *clude*, *scribe*, *press*, *grade*, *cede*, *clude*, *greg*, *terr*, and *voke/voc*

- Latin suffixes *-ance/-ence/-ancy/-ency* and *-ant/-ent*
- Word-building from word parts
- Inductive learning practices
- Consulting references
- Comparing etymologies with modern meaning
- Consulting an index of all words, word parts, and concepts

Vocabulary Use

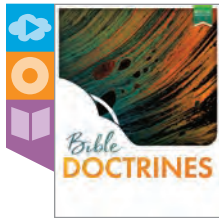
- Writing
- Spelling principles, clipped words, blends, and compounds

- Journaling on words created from word parts
- Journaling on word contexts
- Denotations and connotations
- Using context clues
- Synonyms, antonyms, and homonyms
- Domain-specific applications
- Building word families
- Journaling on words discovered outside of class
- Building reading comprehension

Grade 10

Bible Doctrines

1st Edition



Biblical Worldview Shaping

- **Culture**—Relating the doctrine of the church to the formation of culture
- **Evil**—Defending God's goodness in relation to the existence of moral evil
- **History**—Relating Christ's kingdom to redemptive history
- **Purpose**—Defending the glory of God as humanity's chief purpose
- **Reality**—Explaining the Christian solution to the one-many problem
- **Truth**—Relating knowing God to knowing truth

Bible Content

- Guides students as they understand and apply the major biblical doctrines, equipping them to know what they believe and why they believe it
- Helps students to develop skills in harmonizing all that the Bible teaches on various topics by participating in collaborative research, analyzing various texts and sources, and contributing to group discussions
- Includes case studies and doctrinal dilemmas to help students develop 21st century skills as they respond to relevant

challenges to upholding and applying truth to life

Bible Unit Studies

- Unit 1: Bible Doctrines: The Why, What, and How
- Unit 2: The Word of God
- Unit 3: God
- Unit 4: The Son of God
- Unit 5: The Spirit of God
- Unit 6: God's Creation (includes the doctrines of man and angels)
- Unit 7: Salvation Provided by God
- Unit 8: The People of God
- Unit 9: The Triumph of God

Biology

6th Edition



Biblical Worldview Shaping

- **Design**—Evaluating prevailing cultural views that contradict God's design
- **Ethics**—Applying the biblical ethics triad to questions of bioethics
- **Foundations**—Defending the influence of worldview on biological studies
- **Modeling**—Evaluating models used in the study of biology

General Science

- Creation, Fall, Redemption
- The Creation Mandate
- Evolutionary and biblical views of history
- The nature of science
- Modeling
- Scientific inquiry
- Microscopes
- Basic chemistry

Physical Science: Structure of Matter

- Elements and compounds
- Chemical bonding
- Physical changes
- Organic chemistry

Physical Science: Changes in Matter

- Chemical changes

- Chemical equations
- Solutions

Physical Science: Energy

- Thermodynamics

Life Science

- The study of life
- The cell
- Genetics
- Origins
- Classification of life

Life Science: Microorganisms and Plants

- Prokaryotes
- Viruses
- Protists and fungi
- Plants

Life Science: Animals

- Characteristics of animals
- Classification and structure of sponges, cnidarians, worms, mollusks, echinoderms, and arthropods
- Invertebrate reproduction and role in the environment
- Classification and structure of ectothermic vertebrates
- The reproduction and role in the environment for fish, amphibians, and reptiles

- Classification and structure of birds and mammals
- The reproduction and role in the environment of endothermic vertebrates

Life Science: The Human Body

- The essence of humanity
- Tissues, organs, and systems
- Structure, function, and role of the human systems
- Human growth and development
- Balanced living

Earth and Space Science

- Ecology
- Ecosystems
- Biomes
- Food webs
- Symbiosis
- Biochemical cycles
- Population growth and biodiversity
- Climate change
- Conservation

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Designing a water treatment system

World History

5th Edition



Biblical Worldview Shaping

- **Justice**—understanding justice as treatment in accordance with God’s creational order, evaluating in justices in the history of civilization
- **Power**—relating the exercise of power to the Creation Mandate, assessing the use of power by world rulers
- **Community**—formulating a wise balance of human rights and responsibilities within communities, analyzing challenges in maintaining that balance
- **Environment**—explaining interactions of humans and geography, applying principles of stewardship to a wise use of the environment
- **Religion**—analyzing the role of religion in the development of world civilizations, evaluating

world religions by the standard of biblical truth

- **Aesthetics**—analyzing artistic works as reflections of their culture

Social Studies Skills

- Primary sources
- Drawing conclusions
- Detection of bias
- Charts and graphs
- Cause and effect

Culture

- Examination of how individuals have carried out the Creation Mandate
- Cultural diversity
- Impact of religious beliefs on world cultures

History

- Chronological survey of world history from Creation to the

present with added coverage of non-Western civilizations and the early church

Geography

- Impact of geography on ancient civilizations and cultures
- Comparing geographic features of empires and civilizations

Government

- Government: the relationship between Christians and the world’s political systems

Economics

- Comparative economics from both a historical and a geographical perspective
- Local, national, and international trade
- Socialism
- Imperialism
- Globalism

Geometry

5th Edition



Biblical Worldview Shaping

- **Design**—Evaluating conclusions about design in the world based on geometric patterns
- **Ethics**—Applying geometric relationships to help others
- **Foundations**—Evaluating competing approaches to defining knowledge
- **Modeling**—Formulating a biblical view of geometrical modeling
- **Reasoning**—Applying reasoning to form true statements

Number and Quantity

- Vector and matrix quantities

Algebra

- Equations and inequalities

Functions

- Linear, quadratic, and exponential models
- Trigonometric functions

Geometry

- Congruence
- Similarity, right triangles, and trigonometry
- Circles
- Expressing geometric properties with equations

- Using geometric measurement and dimension
- Modeling with geometry

Statistics and Probability

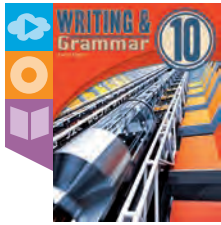
- Interpreting categorical and quantitative data

STEM

- Following the Engineering Design Process to solve a problem
- Building and exploring Euclidean and non-Euclidean surfaces
- Designing and building packaging to protect waffle cones in shipment

Writing & Grammar 10

4th Edition



Parts of Speech (and Verbals)

- Review of all from grade 9 plus the following new material:
verb—subjunctive mood;
pronoun—indefinite, relative,
reciprocal; adverb—conjunctive;
verbals—perfect gerund, passive
infinitive

Sentence Structure

- Review of all from grade 9 plus the following new material: sentence patterns—*S-be-AdvI*, *S-TrV-DO-OC*; dependent clause—noun clause

Mechanics

- Capitalization; punctuation;
appendix of spelling rules

Usage

- Review of all from grade 9 plus the following new material: modifier placement—split infinitive

Writing Skills

- Review of all from grade 9 plus the following new material:
essay—choosing a mode;
sentence variety and emphasis—choosing between constructions, coordination and subordination;
sentence energy—action verbs, details, accuracy, figurative language; sentence logic—logical comparison, clear comparison, subject placement

Examples of Writing Projects

- Description: eyewitness report

- Exposition: research essay, cause-and-effect essay
- Narration: short story, oral anecdote
- Persuasion: persuasive speech, editorial
- Poetry: poetry and metaphor
- Multimedia: webpage design

Study & Reference Skills

- Review of all from grade 9 plus the following new material:
library—website, bibliography, online databases; reading comprehension—grammatical context; test-taking strategies—essay questions

Writing & Grammar 10

5th Edition



Biblical Worldview Shaping

- **Identity**—Creating a work that reflects one's own style
- **Integrity**—Evaluating ad hominem arguments and other rhetorical strategies
- **Judgment**—Proposing appropriate ways to use satire and sarcasm
- **Logic**—Distinguishing between truth and validity in an argument

Critical Thinking

- Gathering information
- Analyzing visual texts
- Analyzing model and mentor texts for writing craft
- Developing research skills
- Practicing logic
- Distinguishing between fact and opinion
- Distinguishing causation and correlation
- Distinguishing truthful arguments and valid arguments
- Distinguishing inductive and deductive reasoning
- Using rhetorical appeals
- Understanding assumptions
- Using the writing process
- Presenting knowledge

Media & Digital Literacy

- Locating reliable websites
- Understanding the risks of posting online
- Creating media and digital presentations
- Be CyberSmart!

Grammar & Syntax

- Parts of speech
- Using complements
- Using active and passive voice verbs
- Varying sentence length and complexity
- Writing with a variety of sentence types: declarative, interrogative, imperative, and exclamatory
- Writing with a variety of sentence patterns
- Writing with a variety of sentence structures: simple, compound, complex, and compound-complex
- Correcting compound sentence errors
- Correcting unclear pronoun reference
- Correcting ambiguous, remote, and confusing indefinite pronoun references
- Using specific antecedents rather than implied references or broad ideas
- Expanding and varying sentences

Conventions (Mechanics & Usage)

- Capitalization, punctuation
- Italics
- Ensuring subject-verb agreement in sentences
- Ensuring pronoun-antecedent agreement in sentences
- Using troublesome prepositions

Writing Structure

- Narrative, informative, argumentative, creative

- Paragraph structure
- Using organizational methods

Writing Craft

- Unifying a paragraph around a central idea
- Developing topics
- Building an argument with reasons and evidence
- Using quotations to support opinions and ideas
- Using transitions
- Improving the six traits of writing
- Developing a writing voice
- Writing with strong action verbs and nouns
- Writing with vivid adjectives and adverbs
- Using leading and lagging adjectives for effect
- Using cumulative sentences to enhance description
- Maintaining a formal style
- Writing a formal five-paragraph essay
- Using a consistent formal tone and voice
- Writing a successful essay test answer
- Collaborative writing

Study Skills

- Studying smarter
- Embracing the challenge of learning
- Discarding ineffective study habits
- Laying the groundwork for effective learning
- Planning with SMART goals

Elements of Literature

2nd Edition



- Taking notes with sketchnotes and the outline method
- Reading to remember
- Strategic study outside the classroom

- Overcoming obstacles to academic success
- Managing test anxiety
- Creating an effective study group
- Maintaining a positive mindset
- Using mnemonic devices

- Tackling test questions with confidence
- Getting your mind and body in shape
- Maximizing your concentration

Biblical Worldview Shaping

- **Aesthetics**—Proposing ways to enjoy literary beauty
- **Wisdom**—Relating reverence for God to wisdom
- **Creation**—Explaining how creation reveals the Creator
- **Virtue**—Proposing strategies for becoming a better person
- **Relationship**—Proposing ways to build healthy relationships

Craft and Structure

- Character, conflict
- Mood, plot
- Point of view
- Setting, theme, tone
- Allegory, allusion, archetype, atmosphere
- Coined words, dialogue
- Figurative language
- Humor, imagery, in medias res
- Irony, satire
- Sound devices
- Suspense, symbolism
- Wordplay, anaphora
- Caesura, catalog, chorus
- End-stopped line
- Ending, enjambment, epic conventions
- Meter, refrain, rhyme, rhythm
- Sonnet form, stanza
- Syntax, verse

- Acts and scenes, asides
- Closet drama, comedy, comic relief
- Epilogue, prologue, soliloquy
- Theater-in-the-round, tragedy
- Antithesis, chiasmus
- Essay structure, parallelism
- Sonnet form: English and Italian

Critical Thinking

- Analyzing visual media
- Contributing ideas to partner, group, and discussions
- Analyzing author background
- Applying reading strategies to analyze a text's significant characteristics
- Reading a text closely to determine explicit meaning and make inferences
- Analyzing text structure and meaning
- Identifying genre features
- Analyzing literary techniques, elements, and character
- Examining author intentions and style
- Understanding oral tradition
- Comparing two texts with similar themes or topics
- Analyzing how a subject is represented in an artistic medium
- Responding to literary and informational texts

- Practicing literary elements and techniques
- Writing in multiple genres
- Delivering oral and multimedia presentations
- Posting art on a website
- Creating digital presentations in various genres
- Creating visuals in response to a text
- Making text-to-self connections

Literary Knowledge

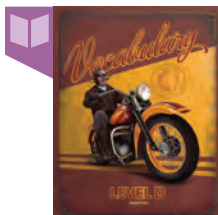
- Variety of genres

Comprehension Skills

- Previewing vocabulary
- Using context clues
- Applying knowledge of the context
- Drawing conclusions
- Making connections: text-to-text, text-to-world, text-to-self
- Making inferences
- Making and verifying predictions
- Monitoring comprehension
- Paraphrasing an author's ideas
- Previewing text
- Setting a purpose for reading
- Summarizing the details or message of a text
- Visualizing text
- Reading aloud with appropriate expression

Vocabulary

Level D
3rd Edition



Vocabulary Acquisition

- Context clues
- Tenth grade disciplines
- Comparing the use of a word to its use in other contexts
- Greek prefixes *ep-/epi-*, *poly-*, *tele-*, *para-/par-*, *peri-*, *syn-/sym-*, *anti-/ant-*, *hyper-*, *hypo-*, *cata-*, *pan-/pant-*, *cata-*, *pant-/pant-*, *a-/an-*, and *en-/em*
- Greek combining forms *dem-*, *graph/gram*, *meter/metry*, *phrase/phras*, *chron*, *ops/opsy*, *path/pathy*, *therm*, *thes/thet*, *the*, *hem/em*, *esth*, *onym/onom*, *gnos/gnost*,

dog/dox, *phile/phil*, *crypt*, *astr/aster*, and *log/logue*

- Word-building from word parts
- Inductive learning practices
- Consulting references
- Comparing etymologies with modern meaning
- Consulting an index of all words, word parts, and concepts

Vocabulary Use

- Writing
- Spelling principles, clipped words, blends, compounds, and onomatopoeic words

- Journaling on words created from word parts
- Journaling on word contexts
- Selecting the proper words for effective writing
- Denotations and connotations
- Using context clues
- Synonyms and analogies
- Domain-specific applications
- Building word families
- Journaling on words discovered outside of class
- Building reading comprehension



Grade 11

Biblical Worldview: Beyond the Basics

2nd Edition



Biblical Worldview Shaping

- **Worldview & Foundations**—Defending the claim that Scripture is the foundation of human understanding
- **The Big Story: Creation, Fall, Redemption**—Defending the claim that the goal of redemption is restoration
- **Gender & Family**—Proposing a plan to pursue godly manhood, womanhood, and marriage
- **Science & Technology**—Defending the idea that science thrives in the context of the Christian worldview

- **Government and Politics**—Proposing ways for a church to show love through mercy while also proclaiming the gospel
- **Arts & Beauty**—Supporting the view that beauty is objective and subjective

Bible Content

- Presents the biblical worldview (the big story, beliefs and values, cultural action) with a critical examination of secularism
- Analyzes and evaluates approaches to cultural action so that Christians will live faithfully

in light of redemption as both salt and light in every area of life

Bible Unit Studies

- Unit 1: Worldview
- Unit 2: Creation
- Unit 3: Fall
- Unit 4: Redemption
- Unit 5: Marriage, Gender
- Unit 6: Government
- Unit 7: Science
- Unit 8: History
- Unit 9: Arts & Culture

Chemistry

5th Edition



Biblical Worldview Shaping

- **Community**—Explaining how chemistry is valuable for a community
- **Environment**—Proposing solutions to problems that impact the environment
- **Ethics**—Proposing ethical solutions to problems raised by advancements in chemical technology
- **Foundations**—Formulating a biblical approach to the study of chemistry
- **Models**—Formulating a biblical view of modeling's influence upon scientific knowledge

General Science

- Chemistry and worldview

- Scientific inquiry
- Thinking like a scientist
- Modeling
- Foundations of chemistry

Physical Science: Structure of Matter

- Matter
- Scientific measurement
- Atomic structure
- Electron arrangement
- Periodic table and elements
- Chemical bonds
- Bond theories
- Molecular geometry
- Chemical compounds
- Gases
- Solids and liquids
- Solutions

- Organic chemistry

Physical Science: Changes in Matter

- Chemical reactions and equations
- Chemical calculations
- Gases
- Chemical equilibrium
- Acids, bases, and salts
- Oxidation and reduction
- Nuclear chemistry

Physical Science: Energy

- Thermochemistry
- Chemical kinetics

Life Science

- Biochemistry

United States History

6th Edition



Biblical Worldview Shaping

- **Religion**—Evaluating the impact of religion on American society
- **Freedom**—Evaluating American efforts to ensure freedom to do the right thing
- **Individualism**—Formulating an approach to community that affirms individual righteousness
- **Equality**—Applying awareness of the image of God in humanity to diversity and authority
- **Growth**—Formulating a view of growth that properly stewards resources
- **Justice**—Analyzing injustices within society according to a biblical standard
- **Gratitude**—Analyzing the significance of God's blessings to determine what aspects of a culture are worthy of praise and preservation

Social Studies Skills

- Maps
- Primary and secondary sources

Culture

- World integration of various facets of American culture

- Examining socio-cultural aspects such as arts, artifacts, literature, education, and publications

History

- Chronological survey of American history from European discovery to the present
- European exploration of the New World
- Colonization
- Thirteen colonies, life, work, and recreation
- Great Awakening
- French and Indian War
- American War for Independence
- War of 1812
- Jackson Era
- Development of American culture, technological advances, and religion
- Slavery in America
- Manifest Destiny, Mexican War
- Civil War and Reconstruction
- Industrial Revolution and Western expansion
- Political and social reforms of the Gilded Age
- The Progressive Movement
- WWI

- Roaring Twenties and the Great Depression
- WWII
- Cold War and the Civil Rights Movement
- Great Society
- Watergate
- Reagan Doctrine
- Persian Gulf War
- Cultural wars
- 21st century concerns

Geography

- Influence of physical geography on American history

Government

- Structure of American government
- Constitution, Declaration of Independence, and Bill of Rights
- Federalism
- Republic
- Political parties

Economics

- Development of free-enterprise system and effects of government involvement
- Cottage industry
- Mercantilism
- Taxation

Algebra 2

4th Edition



Biblical Worldview Shaping

- **Foundations**—Constructing a biblically faithful view of the discipline of mathematics
- **Reasoning**—Evaluating the role of reasoning in solving and verifying algebraic solutions
- **Design**—Describing with algebra God's orderly design of the world
- **Modeling**—Analyzing the effectiveness and limitations of algebraic models
- **Ethics**—Using algebraic problem-solving to serve others

Number and Quantity

- The real number system
- The complex number system
- Vector and matrix quantities

Algebra

- Expressions
- Equations and inequalities
- Linear equations

Functions

- Interpreting functions
- Building functions
- Linear, quadratic, and exponential models
- Trigonometric functions

Geometry

- Congruence
- Similarity, right triangles, and trigonometry
- Expressing geometric properties with equations

Statistics and Probability

- Interpreting categorical and quantitative data
- Making inferences and justifying conclusions
- Conditional probability and the rules of probability
- Using probability to make decisions

Technology

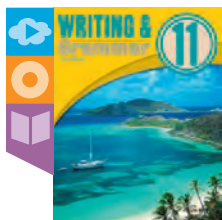
- Graphing calculator tips

STEM

- Following the Engineering Design Process to solve a problem

Writing & Grammar 11

3rd Edition



Parts of Speech (and Verbals)

- Review of all from grade 10 plus the following new material: verb—verb-adverb combinations; adverb—indefinite relative, interrogative; conjunction—phrasal subordinating; verbals—perfect participle, passive gerund, perfect infinitive, progressive infinitive, elliptical infinitive

Sentence Structure

- Review of all from grade 10 plus the following new material: sentence patterns—retained object in passive sentence

Mechanics

- Capitalization; punctuation; appendix of spelling rules

Usage

- Review of all from grade 10 plus the following new material: pronoun shift; verb tense consistency and sequence

Writing Skills

- Review of all from grade 10 plus the following new material: paragraph organization—cause-and-effect order, comparison-and-contrast order; sentence energy—pauses for breath; parallelism—clarity; sentence logic—direct expression, logical predication, avoiding mixed constructions, using noun clauses when needed, ending in strength, linking with new information

Examples of Writing Projects

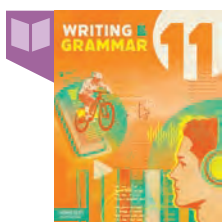
- Description: interview
- Exposition: formal-research paper, analytical essay, critical response to literature
- Narration: narrative poem, folktale
- Persuasion: letter to editor
- Poetry: hymn

Study & Reference Skills

- Review of all from grade 10 plus the following new material: reference tools—literary index, literary sources

Writing & Grammar 11

4th Edition



Biblical Worldview Shaping

- **Identity**—Formulating a biblical understanding of personal identity
- **Motive**—Defending biblical motives for loving God and others
- **Integrity**—Proposing ways to live with integrity in a fallen world
- **Judgment**—Defending the use of the Scripture to make wise judgments
- **Discipline**—Analyzing how the Spirit empowers desiring and doing for God

Critical Thinking

- Participating in collaborative activities
- Using a writer's journal
- Analyzing mentor texts for writing craft
- Conducting an interview
- Developing research skills
- Distinguishing between fact and opinion
- Identifying bias and propaganda
- Recognizing and avoiding logical fallacies
- Distinguishing causation and correlation
- Using rhetorical appeals
- Using the writing process: planning, drafting, revising, proof-reading, publishing
- Reflecting
- Using a recursive writing process
- Developing a clear and engaging presentation
- Debating effectively
- Delivering oral and multimedia presentations
- Speaking effectively before an audience
- Giving and receiving feedback

Media & Digital Literacy

- Developing media and digital literacy
- Identifying bias in media outlets
- Identifying faulty causal
- Identifying unethical advertising
- Evaluating targeted advertising
- Evaluating the persuasive power of advertising and the use of priming
- Evaluating persuasion in political campaigns
- Media and digital literacy
- Be CyberSmart!

Grammar & Syntax

- Parts of speech
- Syntactic awareness
- Using active and passive voice verbs
- Varying sentences
- Expanding and varying sentences with verbals, phrases, and clauses
- Positioning adjectives and adverbs correctly
- Using clauses
- Using verb moods

Conventions (Mechanics & Usage)

- Capitalization, punctuation
- Abbreviations, italics
- Ensuring subject-verb agreement in sentences
- Ensuring pronouns agree with their antecedents

Writing Structure

- Narrative, informative
- Argumentative, poetry
- Workplace writing
- Paragraph structure
- Using organizational methods

Writing Craft

- Unifying a paragraph around a central idea

- Developing topics with facts, examples, statistics, anecdotes, sensory details, reasons, and comparison/contrast
- Building an argument with reasons and evidence
- Writing sentences that sound smooth and natural
- Developing a distinct writing style and voice
- Demonstrating authenticity and humility in a college application essay
- Publishing an essay

Study Skills

- Building powerful habits for academic success
- Debunking study myths
- Developing executive functions
- Reducing cognitive load
- Ending procrastination and initiating tasks
- Learning to struggle productively
- Taking two-column notes
- Creating and using flashcards effectively
- Using apps to improve school performance
- Taking a break
- Using retrieval strategies
- Using SMART goals to develop good habits
- Transferring study skills to the workplace
- Thinking flexibly
- Working with your strengths and weaknesses
- Making connections to increase recall
- Unusual study strategies and the science behind them
- Preparing for final exams

American Literature

3rd Edition



Biblical Worldview Shaping

- **Wisdom**—Explaining how every worldview generates bias
- **Justice**—Proposing ways to solve social justice problems
- **Liberty**—Analyzing what it means to be free
- **Morality**—Defending the Bible as the foundation of morality
- **Providence**—Applying God's providence to life
- **Truth**—Analyzing how nature contributes to knowing truth

Craft and Structure

- Character, conflict
- Mood, plot, point of view
- Setting and theme, tone
- Allegory, allusion
- Ambiguity, anecdote, archetype
- Atmosphere, dialogue
- Figurative language
- Sound devices
- Suspense, surprise, symbolism
- Word choice, anaphora, ballad stanza
- Caesura, catalog, chorus
- End-stopped line, enjambment, meter
- Refrain, rhyme, rhythm
- Sonnet form: English, Italian
- Stanza, traditional form, typography, verse
- Acts and scenes
- Cast of characters, dialogue
- Stage directions, tragedy, antithesis
- Call-and-response structure
- Parallelism, plain style

- Puritan sermon structure

Critical Thinking

- Analyzing visual media for tone, theme, meaning, and technique
- Participating in collaborative activities
- Applying reading strategies to analyze a text's significant characteristics
- Distinguishing literary movements
- Tracing the emphases of literary movements through a text
- Analyzing literary techniques
- Analyzing literary elements
- Analyzing character
- Examining author intentions and style
- Analyzing how a subject is represented in an artistic medium
- Contrasting authors' perspectives
- Evaluating varying interpretations of a story
- Analyzing arguments and persuasive text
- Responding to literary texts
- Practicing literary elements and techniques
- Writing in multiple genres
- Delivering oral and multimedia presentations
- Presenting findings to a peer group
- Delivering oral and multimedia presentations
- Creating a display to reinforce writing
- Delivering oral and multimedia presentations

- Designing visuals to accompany poetry
- Creating a journal
- Identifying propaganda
- Posting on a blog and social media
- Using a rubric to assess writing projects

Literary Knowledge

- Variety of genres
- Literary and philosophical movements

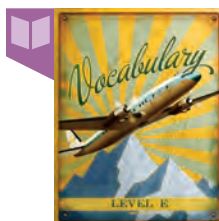
Comprehension Skills

- Analyzing word parts
- Synonyms and antonyms
- Prefixes, suffixes, and roots
- Consulting footnotes and sidebar notes during reading
- Considering connotation and denotation
- Identifying foreign borrowings
- Locating specialized vocabulary
- Previewing vocabulary
- Decoding dialect
- Making connections: text-to-text, text-to-world, text-to-self
- Parsing long sentences
- Setting a purpose for reading
- Summarizing text
- Visualizing text
- Practicing fluent oral reading with attention to speed, rhythm, and flexibility
- Reading aloud dialect
- Reading a drama aloud, using tone and expression to reveal character

Vocabulary

Level E

3rd Edition



Vocabulary Acquisition

- Context clues
- Eleventh grade disciplines
- Comparing the use of a word to its use in other contexts

Etymologies

- Exploring allusions
- Investigating coined words
- Exploring the back-formation of words
- Investigating words acquired from folk etymology
- Exploring words borrowed from other languages

- Word-building from word parts
- Inductive learning practices
- Consulting references
- Comparing etymologies with modern meaning
- Consulting an index of all words, word parts, and concepts

Vocabulary Use

- Writing
- Spelling principles, clipped words, blends, compounds, and onomatopoeic words
- Journaling on words created from word parts

- Journaling on word contexts
- Selecting the proper words for effective writing
- Denotations and connotations
- Using context clues
- Synonyms and allusions
- Domain-specific applications
- Building word families
- Journaling on words discovered outside of class
- Building reading comprehension

Grade 12

Ethics

1st Edition



Biblical Worldview Shaping

- **Authority**—Arguing that the basis of ethics is the Scripture
- **Creational Order**—Relating creational norms to ethics
- **Man's Chief End**—Analyzing the ethical impact of a proper view of man's chief end
- **Virtue**—Formulating a plan to grow in the Christian virtues and apply them to ethical living
- **Wisdom**—Defending the need for discernment regarding ethical decisions

Bible Content

- Guides students in their thinking and behavior to live in a way consistent with God's design for human beings
- Trains students to think through context, goal, motive, and principle

Bible Unit Studies

- **Unit 1: Foundations for Ethics**
 - Creational Foundations for Ethics
 - The Fall's Effects on Ethics

- The Role of Redemption in Ethics
- **Unit 2: Virtues**
 - Becoming Like Christ
 - Three Central Virtues
- **Unit 3: Issues**
 - A Method for Handling Ethical Issues
 - The Ethics of Life and Death
 - Ethical Government
 - Ethical Society
 - Ethical Science
 - Sexual Ethics

Physics

3rd Edition



- **A framework:** the Christian worldview in which we do science in obedience to God's commandment to exercise good stewardship over the earth for His glory and for the benefit of our fellow humans; the structure and limitations of science; overview of physics; scientific methodology and modeling; the metric (SI) system of measurement as well as principles of measurement; rules for determining and using significant digits in measurements and calculations
- **Classical mechanics:** mathematical description of motion in one and two dimensions (kinematics of motion); vectors and scalars in graphical and analytical solutions; forces and the causes of motion according to Newton's laws (dynamics); friction; motion in a plane, including circular motion; motion of multibody

systems; work, energy, and total mechanical energy; conservation of energy and simple machines; momentum and its conservation, collisions, center of mass, and angular momentum; periodic and simple harmonic motion, the pendulum, damped and driven oscillations, and physical waves

- **Thermodynamics and matter:** kinetic-molecular theory of matter and the states of matter; thermal properties of matter, measuring temperature, and the gas laws; theories of heat, thermal energy, mechanisms for heat transfer; the four laws of thermodynamics; entropy and its consequences; fluid mechanics (hydrostatics and hydrodynamics)
- **Electromagnetics:** electrostatics and charges; electric fields and capacitors; current, voltage, resistance, and basic DC circuits; transistor theory; magnetism and

its relationship to current and conductors; electromagnetism and alternating currents; AC circuit characteristics

- **Geometric optics and light:** the electromagnetic spectrum, sources and propagation of light; reflection and mirrors; refraction and lenses; wave interference, diffraction, and polarization; intensity and color of light; optical instruments (telescopes, microscopes, etc.)
- **Modern physics:** relativity: Galilean, special, and general relativity; quantum physics: quantum theory, quantum mechanics, the atom, and modern atomic models; nuclear physics: radiation and radioactivity, radioactive decay, nuclear reactions, and elementary/subatomic particles

Physics

4th Edition



Biblical Worldview Shaping

- **Ethics**—Formulating positions on issues of ethics related to physics and engineering
- **Foundations**—Defending the position that the Earth exhibits good design
- **Environment**—Evaluating the environmental impact of technological innovations
- **Models**—Applying models to interpret data

General Science

- The structure and limitations of science
- Overview of physics
- Scientific methodology and modeling

Physical Science: Structure of Matter

- The SI system of measurement
- Unit conversions and analysis
- Principles of measurement
- Accuracy and precision
- Significant figures in measurements and calculations
- Quantum physics
- Nuclear physics

Physical Science: Changes in Matter

- Nuclear physics

Physical Science: Motion

- Mathematical description of motion in one and two dimensions
- Freefall
- Vectors and scalars
- Projectile motion
- Force (dynamics)
- Friction
- Rotational and circular motion
- Relativity

Physical Science: Energy

- Work, energy, and power
- Types of energy
- Total mechanical energy
- Conservation of energy
- Momentum and its conservation
- Collisions
- Center of mass and angular momentum
- Thermal properties of matter
- Theories of heat and thermal energy
- The four laws of thermodynamics
- Fluid mechanics
- Static electricity
- Current electricity
- Magnetism and its relationship to current and conductors
- Electromagnetism and alternating currents

Physical Science: Waves

- Periodic and simple harmonic motion
- The pendulum
- Damped and driven oscillations
- Physical waves
- Wave interactions
- Sound
- The electromagnetic spectrum
- Sources and propagation of light
- Intensity and color of light
- Reflection and mirrors
- Refraction and lenses
- Wave interference, diffraction, and polarization

Engineering Design: STEM

- Following the Engineering Design Process to solve a problem
- Designing a bridge
- Designing a loop coaster
- Designing a better bungee
- Designing a safer restraint system
- Building a better solar oven
- Designing a paper boat
- Designing a maglev train

American Government

4th Edition



Biblical Worldview Shaping

- **Mixed Form of Government**—Defending a mixed form of government as a biblical approach to dealing with human finitude and fallenness
- **Ideologies**—Evaluating political ideologies in light of a biblical worldview
- **Institutions**—Analyzing the importance of institutions in a well-ordered society
- **Purposes of Government**—Presenting a biblical view of government's role to ensure justice
- **Church and the State**—Evaluating views of the relationship between church and state
- **Responsibilities and Virtues**—Analyzing citizens' responsibilities in society and government

Social Studies Skills

- Maps
- Primary sources
- Current events

- Discerning point of view
- Civic-mindedness

Culture

- Interest groups
- Mass media
- American political behavior
- Impact of Christianity and Christians in government
- Impact of public opinion and culture on government and elections

History

- Historical perspective of the phases of American government
- Tracing the biblical origins of government

Geography

- References to political geography

Government

- The need for government and the obligations of the government and the governed
- Forms of government: monarchy, democracy, and aristocracy

- Democracy versus republic
- Unitary systems
- National system: judicial, legislative, and executive
- Bicameral legislature
- Church and state relationship
- Constitution, Bill of Rights, amendments, strict constructionists, and broad constructionists
- National, state, and local governments
- Supreme Court
- Structure of Congress, implied and nonlegislative powers
- Political elections
- Presidency, Cabinet, governor, and local officials
- Federal bureaucracy
- American foreign policy
- Civil liberties, rights, and responsibilities
- American law
- Political party system, campaigns, electoral college, nominations,

- elections, primaries, and inauguration
- Two-party system and third parties
- Conservatism and liberalism

- Domestic and foreign policies, implementation
- Public opinion, dangers, and benefits
- Special interest groups and lobbying

Economics

- Taxation
- Government funding
- Domestic and foreign policy impact on US economy

Economics

3rd Edition



Biblical Worldview Shaping

- **Work**—Relating work to God's plan for economics
- **Stewardship**—Analyzing economic theories to discern wise economic stewardship
- **Institutions**—Analyzing the importance of institutions to economics
- **Values**—Relating economic choices to personal character

Social Studies Skills

- Charts and graphs
- Primary sources
- Current events
- Maps

Culture

- Analysis of personal economic concerns such as budgeting, managing credit, saving, and financial planning
- Impact of economic policies and institution on culture

- Relationships between economic considerations and cultural choices

History

- Biographies of fifteen influential economists
- Historical events tied directly to economic concerns (Great Depression)

Government

- Comparative economic systems
- Business and competition
- Money and banking
- National economic concerns such as productivity, unemployment, and inflation

Economics

- Promoting free-market ideals
- Choice, goods and services
- Nuisance goods and free goods and services
- Opportunity costs and benefits
- Micro- and macroeconomics

- Supply and demand, prices, and market equilibrium
- Egalitarian and libertarian fairness
- Mercantilism and laissez-faire liberalism
- Capitalism and socialism
- Business, sole proprietorship, partnerships, and corporations
- Stocks, stock exchanges, and indices
- Markets and competition
- Trusts, oligopolies, and monopolies
- Banking system, legal tender, money, and money supplies
- GDP, trade deficits and surpluses
- Federal Reserve
- Business cycle, unemployment, and inflation
- Fiscal policy
- Personal finances, stewardship, budgeting, and banking

Consumer Math

3rd Edition



Biblical Worldview Shaping

- **Stewardship**—Creating a budget based on biblical principles
- **Service**—Summarizing biblical principles concerning work
- **Saving**—Applying biblical principles about savings

Number and Quantity

- Math skills
- Measurement

Algebra

- Earning a career income
- Income taxes
- Budgeting
- Transportation expenses
- Food expenses
- Clothing expenses
- Housing expenses
- Maintaining a home
- Planning for vacation expenses
- Saving

- Banking
- Using credit
- Borrowing
- Financial investing
- Protecting and insuring

Precalculus

2nd Edition



Biblical Worldview Shaping

- **Design**—Evaluating interpretations of cyclic patterns in nature from a biblical perspective
- **Ethics**—Proposing ethical solutions using statistics, probability, and the other forms of precalculus
- **Foundations**—Contrasting mathematical philosophies, including Platonism
- **Models**—Applying mathematical models to predicting and evaluating data
- **Reasoning**—Relating reasoning in finding identities with an understanding of Scripture

Number and Quantity

- The real number system
- Quantities
- The complex number system
- Vector and matrix quantities

Algebra

- Expressions
- Equations and inequalities

Functions

- Interpreting functions
- Building functions
- Linear, quadratic, and exponential models
- Trigonometric functions

Geometry

- Congruence

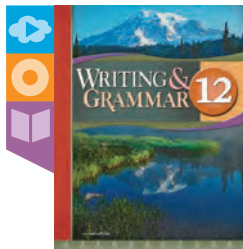
- Similarity, right triangles, and trigonometry
- Circles
- Expressing geometric properties with equations
- Using geometric measurement and dimension
- Modeling with geometry

Statistics and Probability

- Interpreting categorical and quantitative data
- Making inferences and justifying conclusions
- Conditional probability and the rules of probability
- Using probability to make decisions

Writing & Grammar 12

2nd Edition



Parts of Speech (and Verbals)

- Review of all from grade 11 plus the following new material: verbals—passive participle

Sentence Structure

- Review of all from grade 11 plus the following new material: absolute phrase

Mechanics

- Capitalization; punctuation; appendix of spelling rules

Usage

- Review of all from grade 11 plus the following new material: idiomatic use of prepositions

Writing Skills

- Review of all from grade 11 plus the following new material: paragraph development—quotation, visual aid

Examples of Writing Projects

- Description: descriptive essay, comparison/contrast essay

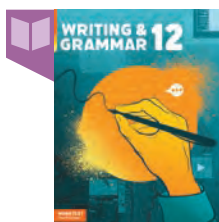
- Exposition: research report, response to a dramatic scene (literary analysis)
- Narration: dramatic scene, interior monologue
- Persuasion: persuasive essay
- Poetry: sonnet
- Multimedia: video report

Study & Reference Skills

- Review of all from grade 11

Writing & Grammar 12

4th Edition



Biblical Worldview Shaping

- **Truth**—Evaluating the truthfulness of cultural productions
- **Craft**—Adapting the stylistic techniques of other authors for redemptive ends
- **Stewardship**—Proposing ways communication fulfills the Creation Mandate.
- **Perseverance**—Applying biblical principles to persist in complex writing projects

Critical Thinking

- Analyzing mentor texts for writing craft
- Conducting an interview
- Developing research skills
- Formulating research questions
- Locating sources
- Evaluating sources
- Interpreting a text through authorial intentionalism

- Writing paraphrases and summaries without plagiarism
- Incorporating quotations into writing
- Representing sources fairly and accurately
- Writing in-text citations and a works cited page with MLA formatting
- Identifying bias and propaganda
- Identifying valid arguments
- Using rhetorical appeals
- Using the writing process
- Formulating effective research questions
- Using graphic organizers
- Developing a thesis statement
- Creating a thought train for an interior monologue
- Creating a scene map for a dramatic scene

- Planning the plot, setting, characters, conflict, and resolution in a narrative
- Choosing an angle and a frame of reference for a news report
- Identifying counterarguments for a persuasive essay
- Writing with audience and purpose in mind
- Using writing strategies
- Using revising strategies
- Using a rubric to self-evaluate
- Using a proofreading checklist
- Publishing in both digital and print formats
- Creating a writing portfolio/folder
- Reflecting on the Capstone experience
- Using a recursive writing process

Media & Digital Literacy

- Evaluating a website for authority, content, bias, and currency

- Creating an audio recording of a writing assignment
- Adapting a dramatic scene for radio
- Producing and editing a news report video
- Considering camera movement, framing, lighting, music, and narration when creating a video

Be CyberSmart!

- Protection: Protecting My Purity Online
- Discernment: Online Profiling and AI
- Maturity: Be an Influencer

Grammar & Syntax

- Parts of speech
- Using phrasal verbs
- Using verb tenses with consistency and correct sequence
- Using determiners
- Using complements
- Varying sentence length and complexity
- Writing with a variety of sentence types
- Correcting sentence errors
- Varying the beginnings of sentences with modifiers
- Expanding and varying sentences with adjectives and adverbs, adjectival and adverbial prepositional phrases, appositives, and appositive phrases
- Expanding sentences with verbal phrases
- Using present, past, and perfect participles
- Using present, perfect, and passive gerunds
- Using simple, perfect, passive, and progressive infinitives and infinitives with to omitted
- Avoiding awkward split infinitives

- Positioning adjectives and adverbs correctly
- Correcting confusing shifts in pronoun number and person
- Using verb moods
- Using inverted sentences, periodic sentences, rhetorical questions, and short fragments

Conventions (Mechanics & Usage)

- Capitalization
- Punctuation
- Abbreviations
- Italics
- Spelling
- Ensuring subject-verb agreement in sentences
- Ensuring pronoun-antecedent agreement
- Avoiding double negatives, double comparisons, and illogical comparisons
- Understanding the history of the English language

Writing Structure

- Genre writing
- Using organizational methods: chronological order, spatial order, order of importance, cause-and-effect order, and comparison-and-contrast order
- Using a block or point-by-point organization for a comparison-contrast essay

Writing Craft

- Paragraph development
- Ending sentences with strength
- Making word choices for variety and emphasis
- Writing with vivid action verbs and strong nouns
- Incorporating interesting details, accurate words, appropriate connotation, concrete words, and

- figurative language to energize sentences
- Using sentence length strategically
- Using imagery to enhance description
- Using fragments for special effect
- Maintaining a formal style
- Using a consistent formal tone and voice in an essay
- Maintaining objectivity in persuasive and informative writing
- Using sound arguments and effective organization in persuasive writing
- Using concrete examples in persuasive writing
- Summarizing an opposing side fairly and logically
- Incorporating persuasive techniques and a call to action into a persuasive essay
- Using a biblical allusion in persuasive writing
- Writing an effective narrative
- Using paradox to communicate truth
- Using iambic pentameter and rhyme in a sonnet
- Writing stage directions for a dramatic scene

Study Skills

- Creating a study plan
- Organizing study materials
- Keeping track of assignments
- Taking notes
- Developing study aids
- Proofreading your work
- Taking personal responsibility for studying
- Using the parts of a book
- Improving reading comprehension
- Using memory techniques
- Taking tests

British Literature

Updated 2nd Edition



Approach

- Historical survey emphasizing close reading skills

Organization

- Four major literary divisions: the Middle Ages, the Renaissance, the Age of Revolution, the Age of Reform

Content

- The Middle Ages: the Old English period, the Middle English period
- The Renaissance: the Tudor period, the Stuart period

- The Age of Revolution: the Neoclassic period, the Romantic period
- The Age of Reform: the Victorian period, the Modern period
- Supplementary material: *Macbeth* (video)

Features

- The units are arranged according to major literary periods. The material provided through the unit introductions, headnotes, and timelines enables the student to analyze individual authors and their works in a

historical and cultural context. Such analysis serves to broaden the student's world, enabling him to understand the ideas and writings of noted literary and historical figures and to apply biblical criteria when evaluating the beliefs espoused by such figures. The questions for thought and discussion, which follow the selections, progress from factual to evaluative and are valuable both for class discussion and for providing students with an opportunity to develop further literary and moral discernment.

British Literature

3rd Edition



Biblical Worldview Shaping

- **Truth**—Formulating standards of literary excellence
- **Reasoning**—Formulating an effective argument
- **Relationships**—Analyzing customs' influence on relationships
- **Virtue**—Analyzing strategies for cultivating character

Craft and Structure

- Character, conflict mood
- Plot, point of view, setting
- Theme, tone and authorial tone
- Allegory, allusion, analogy
- Anecdote, aphorism, atmosphere
- Black humor, dialogue
- Epiphany, figurative language
- Foreshadowing, imagery
- Irony, journalistic style
- Motif, parody
- Psychological realism
- Satire, sound devices
- Stream of consciousness
- Symbolism, verisimilitude
- Word choice, wordplay
- Anaphora, Anglo-Saxon poetic devices
- Ballad stanza, caesura
- Catalog, end-stopped line
- Enjambment, epic conventions
- Humor, meter, pacing
- Refrain, rhyme
- Rhythm and sprung rhythm
- Stanza, syntax
- Verse: rhymed, blank, and free
- Acts and scenes, aside
- Coined words

- Comedy of manners
- Dialogue, *dramatis personae*
- Monologue, soliloquy
- Stage directions
- Tragedy, antithesis, ballad form
- Call-and-response structure
- Cause/effect, chiasmus
- Compare/contrast
- Descriptive/list
- Pamphlet, parallelism, plot arc
- Problem/solution
- Sequence/time order
- Signal words
- Sonnet form: English and Italian
- Terza rima, tricolon

Critical Thinking

- Participating in collaborative activities
- Analyzing how the text's structure serves the text's meaning
- Analyzing literature and informational text of historical significance
- Identifying genre features
- Distinguishing literary movements
- Tracing the emphases of literary movements through a text
- Contrasting genres from different literary periods
- Analyzing classic themes in literature
- Analyzing literary techniques
- Analyzing literary elements
- Analyzing character
- Examining author intentions and style

- Analyzing how a subject is represented in an artistic medium
- Contrasting two authors' approach to style
- Practicing literary elements and techniques
- Writing in multiple genres
- Performing a ballad in a group
- Giving a speech
- Completing a novel project
- Creating a video in response to a literary text
- Using a rubric to assess writing projects

Literary Knowledge

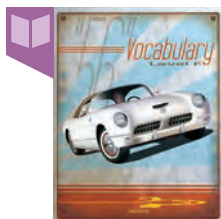
- Variety of genres
- Literary and philosophical movements

Comprehension Skills

- Consulting footnotes during reading
- Building background knowledge
- Comparing and contrasting text elements and ideas
- Applying knowledge of the context
- Decoding dialect
- Drawing conclusions
- Making connections: text-to-text, text-to-world, text-to-self
- Sequencing events in a narrative
- Setting a purpose for reading
- Summarizing the key ideas in a text
- Tracing ideas across a text
- Reading poetry aloud with attention to stress and alliteration
- Reading aloud with a partner

Vocabulary

Level F
3rd Edition



Vocabulary Acquisition

- Context clues
- Twelfth grade disciplines, especially British literature
- Comparing the use of a word to its use in other contexts

Etymologies

- English prefixes *a-*, *be-*, *en-/em-*, and *with*
- English suffixes *-dom*, *-en*, *-hood*, *-ling*, *-some*, and *-wise*
- Exploring obsolete and archaic words
- Comparing and contrasting concrete and abstract words

- Exploring words borrowed from other languages
- Word-building from word parts
- Inductive learning practices
- Consulting references
- Comparing etymologies with modern meaning
- Consulting an index of all words, word parts, and concepts

Vocabulary Use

- Writing
- Journaling on words created from word parts
- Journaling on word contexts

- Selecting the proper words for effective writing
- Denotations and connotations
- Using context clues
- Synonyms, antonyms, and metaphors
- Domain-specific applications
- Building word families
- Journaling on words discovered outside of class
- Building reading comprehension

Electives

Spanish 1 2nd Edition



This traditional curriculum uses a functional approach so that students learn to perform the following functions:

- Greeting and leave-taking
- Asking and answering simple questions
- Using numbers in everyday contexts
- Giving and following directions
- Making purchases

- Narrating and describing in the present tense
 - Relating past events
 - Relating future plans
 - Expressing simple opinions
 - Telling the gospel message
- The book contains 12 chapters. With the exception of the introductory chapter, each chapter is divided into three lessons. Each lesson includes dialog, vocabulary, grammar, pronunciation, and

culture sections. The textbook includes the following grammatical structures: nouns, pronouns, adjectives, subject-verb agreement, gender and number agreement, regular and irregular verbs in the present and preterite tenses, the near future, reflexive verbs, direct and indirect object pronouns, and command forms.

Spanish 1 ¡Nuevos Amigos! 4th Edition



Biblical Worldview Shaping

- **Community**—Evaluating cultural differences in light of biblical teaching
- **Hospitality**—Applying knowledge of Spanish language and culture to cross-cultural hospitality
- **Service**—Proposing ways to use Spanish to serve others

Communication

- Grammar (verb conjugation tenses, and usage; noun gender and number; pronoun, adjective, and adverb forms, placement, and usage; prepositions)
- Vocabulary
- Presentational and interpersonal speaking

- Presentational writing
- Listening to and reading dialogs and informational texts

Cultures

- Spanish-speaking countries and regions
- Social etiquette
- Education
- Housing
- Holidays and celebrations
- Towns
- Sports
- Free time activities
- Time
- Travel
- Food

Connections

- History of Spanish-speaking countries
- Geography of Spanish-speaking countries
- Songs, Bible verses, and Bible truths

Comparisons

- English and Spanish vocabulary
- English and Spanish grammar
- English and Spanish syntax
- American and Hispanic cultures

Communities

- School
- Home
- Neighborhood
- World

Spanish 2 2nd Edition



This second-year book reviews and expands the material taught in Spanish 1. It uses a functional approach so that students learn to perform the following functions:

- Narrating and describing events in the present, past, and future
- Communicating facts, questions, and opinions
- Communicating needs and wants in a variety of settings, such as a

- restaurant, hotel, bank, airport, store, and doctor's office
- Giving and following directions
- Showing courtesy
- Witnessing

The 12 chapters are divided into three lessons each and include a dialog or reading, vocabulary, grammar, and Scripture verses. The text covers the following grammatical structures: present

tense, preterite tense, imperfect tense, future tense, conditional tense, present perfect tense, pluperfect tense, future perfect tense, reflexive verbs, imperative verbs, the present subjunctive, and the imperfect subjunctive.

Spanish 2

¡Nuevos Amigos!
3rd Edition



Biblical Worldview Shaping

- **Communication**—Applying the gospel to transform communication in Spanish
- **Culture**—Using Scripture to guide interaction with products, practices, and perspectives in Spanish cultures
- **Religion**—Evaluating religious beliefs in Spanish-speaking cultures

Communication

- The verbs *ser* and *tener*
- Regular verbs
- Reflexive verbs
- The verbs *hay*, *preferir*, *querer*, *gustar*, *ir*, *saber*, and *conocer*

- Tenses: present progressive, conditional, preterit (past), imperfect, future, conditional
- Formal and informal commands
- Interrogative words
- Expressing requirements and needs
- Making suggestions
- Nouns: gender, number
- Pronouns: forms, placement, usage

Culture

- Spanish-speaking countries and regions
- Education
- Housing
- Holidays and celebrations
- Food

- Religion
- Cities
- Technology

Connections

- History of Spanish-speaking countries
- Geography of Spanish-speaking countries
- Songs, Bible verses, and Bible Truths

Comparisons

- English and Spanish vocabulary
- English and Spanish grammar
- English and Spanish syntax
- American and Hispanic cultures

Communities

- Neighborhood, family, cities, world

Spanish 3

1st Edition



Biblical Worldview Shaping

- **Missions**—Proposing ways to participate in missions in a Spanish culture
- **Religion**—Analyzing religious practices in Spanish cultures
- **Witnessing**—Using Spanish to communicate how a person can come to Christ

Communication

- Verb tenses: present progressive, conditional, preterit (past), imperfect, future, conditional,

present perfect, past perfect, future perfect

- Mood: imperative subjunctive
- Nouns: gender, number
- Pronouns: forms, placement, usage
- Adjectives: forms, placement, usage
- Vocabulary
- Speaking: writing, listening, reading

Cultures

- Spanish-speaking countries and regions

- Facts about Hispanic culture in general

Connections

- Interdisciplinary connections
- Practice in grammar, vocabulary, and pronunciation

Comparisons

- Hispanic culture and the students' own culture

Communities

- Missionary work
- Parent participation with vocabulary clip-and-learn flashcards

Health

2nd Edition



Biblical Worldview Shaping

- **Identity**—Relating personality and self-image to overall health
- **Relationship**—Applying biblical principles to family and peer relationships to promote personal and community health
- **Discernment**—Evaluating the reliability of health information, products, and services
- **Ethics**—Formulating positions on health-related issues, such as reproductive issues, organ donation, and disabilities
- **Virtue**—Applying biblical principles to become healthy and holy people

Life Science

- Defining health
- Health and safety
- Mental health
- Health and life management
- Social health

Life Science: The Human Body

- Structure, function, and role of the human systems
- Organ donation
- Diseases
- Disabilities
- Drug use and abuse
- Growth and development: nutrition, fitness and exercise,

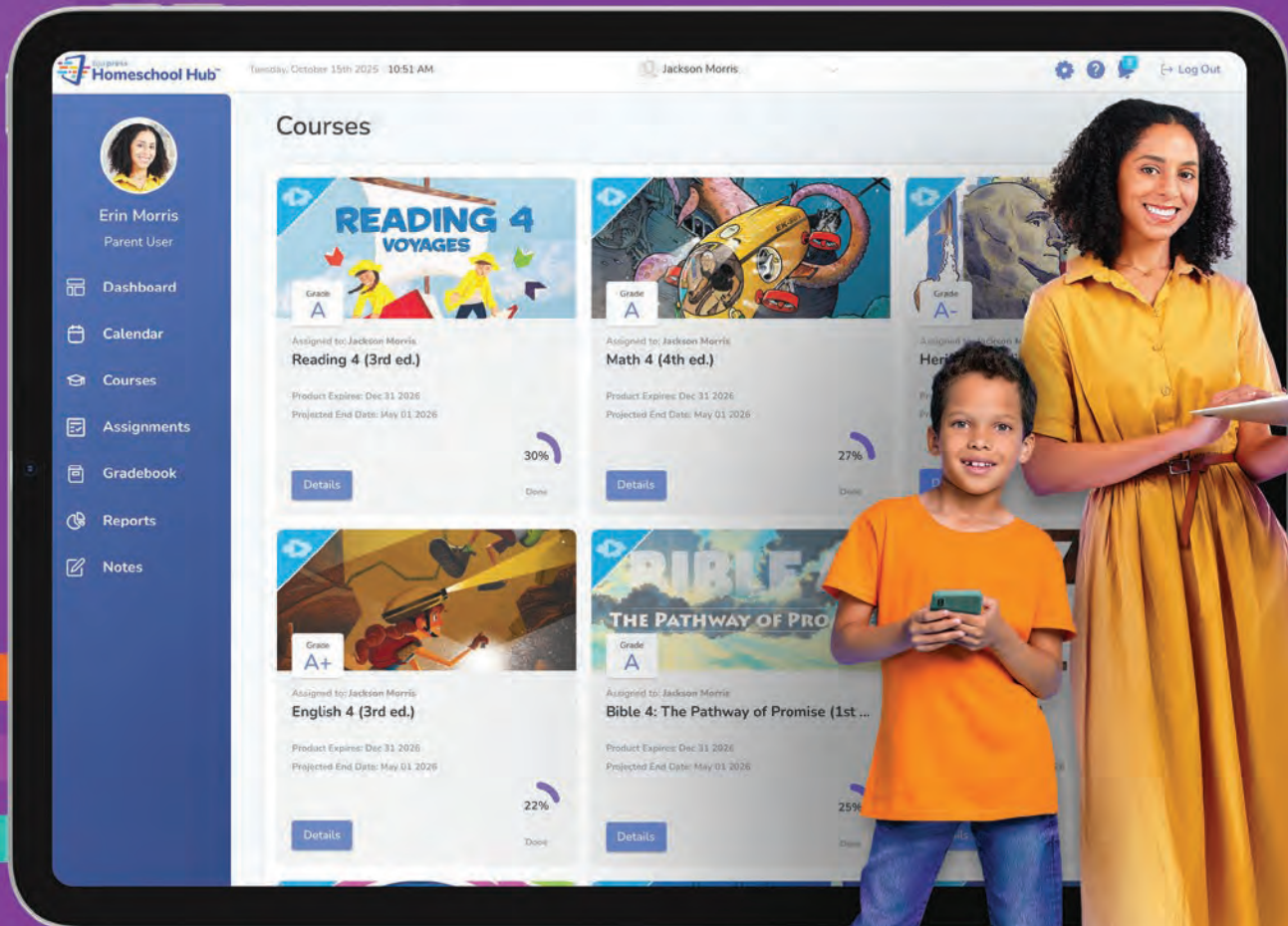
reproductive health, human development

Earth and Space Science

- Air quality
- Noise pollution
- Light pollution
- Land pollution
- Water pollution
- Clean water
- Fracking
- Types of natural disasters, disaster preparedness
- Stewardship
- Conservation



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