

 **BJU PRESS**

**Scope &
Sequence**
*Curriculum
Overview*

2007–2008



Thresholds for Threes

Circle Time Discussion	Heritage Studies and science topics; receptive and expressive language skills; discussion skills; vocabulary expansion; picture reading; interpersonal relationships utilizing scriptural applications with Bible Action Truths
Action Rhymes and Poems	Language expression; auditory discrimination in rhyming words
English Skills	Receptive and expressive language skills; visual and auditory discrimination; language-experience activities for print awareness (such as labeling, experience charts); dramatizations; creative movement; imitative play; stories
Premath	Counting; number and numeral recognition; sorting; classification; sequencing
Art and Crafts	Creative expression; observation skills; eye-hand coordination; prewriting
Cooking	Sensory and language experiences; print awareness in “reading” labels and recipes; vocabulary expansion such as <i>hot, cold, empty, full</i> , and terms of measurement
Motor	Fine and gross motor skills; vocabulary expansion in directional terms such as <i>up and down, top and bottom</i>
Music	Singing; listening; moving; playing
Literature	Listening; print awareness; picture reading; appreciation of good literature (Annotated bibliographies are included for most units.)

K4 Foundations

Foundational Skills	Classification; association; sequencing; name; phonemic awareness of alphabet; recognition of printed letters <i>Aa-Zz</i> ; labeling objects
Listening and Literature	Traditional literature; realistic and fanciful prose and poetry; vocabulary development and enrichment; auditory memory; literal, interpretive, critical, and appreciative picture interpretation and listening; dictation of experience charts, artwork labels, story endings, and poem titles
Auditory Discrimination	Sound by direction, pitch, volume, and tempo; rhyming words; initial sounds /a/-/z/; medial short vowel sounds; initial and final consonants
Handwriting	Prewriting skills; left-to-right, vertical, horizontal, diagonal, and curved-line tracking; correct pencil hold and paper placement; finger tracing and pencil tracking uppercase and lowercase PreCursive alphabet and numerals 0–12
Mathematics	Numbers and numerals 0–12; shape recognition; pattern sequencing; calendar, clock, coin, and measurement vocabulary
Heritage Studies	School orientation; concepts of God’s plan for the child and his family; holidays, community helpers, and patriotism
Science	Seasonal changes of plants, animals, and the earth; family activities related to the seasons and the farm
Art	Art media suggestions and craft activities correlated with unit themes
Motor	Locomotive, axial, and manipulative motor activities, including simple games to develop these skills
Music	Songs, rhythm accompaniments, musical games, and musical stories to correlate with unit themes

K5 Beginnings (3rd ed.)

Language Arts

Prereading	Print awareness; left-to-right eye progression; visual discrimination; visual memory; reasoning; classifying; sequencing size and shape relationships; rhyming; awareness of author; picture reading
Early Reading Skills	Alphabet recognition; phonemic awareness
Phonics and Word Perception	Units 1–3: Letter-sound association—consonants and short vowels; words with closed syllable phonograms (examples: <i>_it, _at</i>); plural words with <i>s</i> ; compound words Units 4–6: Letter-sound association—consonant blends and digraphs; long vowels; <i>r</i> -influenced vowels; special vowel combinations; vowel patterns for long vowels (examples: <i>_oke, _o, _oat</i>)
Comprehension	Continuation of picture reading; listening comprehension; predicting outcomes; answering questions after silent reading; comparing; sequencing events; following directions; perceiving concepts such as up/down, hard/soft; developing vocabulary; perceiving relationships; distinguishing reality from fantasy; matching words and pictures; matching sentences and pictures; reading short stories
Oral Communication and Oral Reading	Discussion; action rhymes; pantomime; retelling stories; reading phonics stories orally
Composition	Dictating composed sentences for experience stories; dictating sentence ideas for individual composition
Handwriting	Letter formation; principles of slant; alignment; spacing Letter formation strokes appear on the page.

K5 Beginnings (3rd ed.)

Related Arts

Art	Drawing; painting; making crafts to match the unit themes of the lessons (examples: puppets, papier-mâché pig)
Heritage Studies	Geography, U.S. landmarks; history, Indians, colonial life; culture, families, community helpers, Hispanic culture, Bible times, farming, American celebrations
Science	Appreciating God's creation; ; experiencing hands-on activities; learning about birds, bugs, magnets, seasons, water, our bodies, weather, rocks, ocean, sun, moon, plants, animals
Motor	Locomotive; axial and manipulative motor activities including some simple games to develop these motor skills

Elementary

	K4 <i>Bible Truths</i>	K5 <i>Bible Truths</i> (2nd ed.)	Grade 1 <i>A Father's Care</i> (3rd ed.)	Grade 2 <i>A Servant's Heart</i> (3rd ed.)
Bible Content	<p>Topical Bible study in four units</p> <p><i>Thinking God's Way:</i> about God's world; about myself; about God's Word</p> <p><i>Growing God's Way:</i> in obedience; in kindness; in thankfulness; in giving; in work; in trust</p> <p><i>Knowing God's Way:</i> Jesus is the Way; Jesus is God; Jesus is our living Lord</p> <p><i>Living God's Way:</i> in prayer; in love; in thoughtfulness; in courage; in witness; in contentment</p>	<p>Chronological and topical study of the Old and New Testaments</p> <p>Units include lessons on the Bible; Creation; the lives of Noah, Abraham, and Joseph; Moses through Jonah; and the life of Christ, with special units on prayer, missions (Paul), and Thanksgiving</p>	<p>A chronological and thematic study of the Bible (Old and New Testaments) in ten units—God Creates His World; God Keeps His Promises; God Protects His People; Christmas: God Sends His Son; God Guides His People; God Rules over His People; God Cares for His People; Easter: God Offers His Son; God Strengthens His People—and an optional Thanksgiving unit; introduces students to using the table of contents of a Bible to locate a verse</p>	<p>Chronological and thematic study of the Old and New Testaments, adding a doctrinal emphasis in ten units—God Is My King; The Best Way; A Humble Heart; Christmas; Serving God; God Gives Courage; A Forgiving Heart; Easter; Jesus the Messiah; A Generous Heart—and an optional Thanksgiving unit</p> <p>Introduces Bible study skills such as using the table of contents of a Bible, understanding parts of a verse, interpreting meaning, and using a Bible glossary</p>
Character Emphasis	Character traits emphasized in application stories correlate with Bible content.	Character traits emphasized in application stories correlate with Bible content.	Character traits used in application stories show students their need of Christ as Savior and ways to apply biblical principles to personal life situations.	Character traits used in application stories show students their need of Christ as Savior and ways to apply biblical principles to personal life situations.
Catechism	22 questions correlated with Bible content	50 questions correlated with Bible content	158 questions correlated with 10 biblical themes	158 questions correlated with 10 biblical themes
Memory Verses	31 verses	25 verses/passages	36 verses or passages	36 verses or passages
Number of Lessons	155 lessons in 4 units	160 lessons in 15 units	36 weeks of lessons in 10 units (4-day weeks)	36 weeks of lessons in 10 units (4-day weeks)

	Grade 3 <i>Following Christ</i> (3rd ed.)	Grade 4 <i>God and His People</i> (3rd ed.)	Grade 5 <i>Living in God's Love</i> (3rd ed.)	Grade 6 <i>Redemption—God's Grand Design</i> (3rd ed.)
Bible Content	<p>Integrates doctrine into a chronological and thematic study of the Bible (Old and New Testaments) in ten units—Sin and Salvation; The Mind of the Lord; Purity; Christmas: The King Is Born; To Seek and to Save; Exaltation of Christ; A Christian's Character; Easter: God's Love Complete; Christian Friends; When He Cometh—and an optional Thanksgiving unit; teaches Bible study skills such as using the table of contents of the Bible, using cross-references, and interpreting meaning</p>	<p>Integrates doctrine into a chronological and thematic study of the Bible (Old and New Testaments) in ten units—Attributes of God; Bible Study and Prayer; Faithfulness; Christmas: Announced by Angels; Victory; Contentment; Love; Easter: Victory over Death; Christ and His People; Eternal Promises—and an optional Thanksgiving unit; teaches Bible study skills such as using the table of contents of the Bible, using cross-references, using a concordance, abbreviations of Bible books, and interpreting meaning</p>	<p>Integrates doctrine into a chronological and thematic study of the Bible (Old and New Testaments) in ten units—God's Judgment and Grace; Building Godly Character; Obedience; Christmas: God with Us; Be Ye Holy; My Body, God's Temple; Evangelism and Missions; Easter: Christ's Saving Work; Growing in Grace and Knowledge; Foundations for Living—and an optional Thanksgiving unit; teaches Bible study skills such as using the table of contents of the Bible, using cross-references, using a concordance, using a Bible dictionary, and interpreting meaning</p>	<p>Integrates Bible into a chronological and thematic study of the Bible (Old and New Testaments) in ten units—Before the Foundation; through the Covenant; Under the Blood; Christmas: In the Fullness of Time; Within the Royal House; Through God's Providence; By the Incarnate Word; Easter: Through Christ Our Redeemer; To the Ends of the Earth; At the Appointed Time—and an optional Thanksgiving unit; includes information about the history of the Bible; teaches Bible study skills such as cross-referencing, using a concordance, using a Bible dictionary and using a Bible commentary</p>
Character Emphasis	Character traits used in application stories show students their need of Christ as Savior and ways to apply biblical principles to personal life situations.	Character traits used in application stories show students their need of Christ as Savior and ways to apply biblical principles to personal life situations.	Character traits used in application stories show students their need of Christ as Savior and ways to apply biblical principles to personal life situations.	Christian Living Skills cover 36 topics so students can study what God says about each topic and then evaluate their actions and attitudes; character traits used in application stories show students their need of Christ as Savior and ways to apply biblical principles to personal life situations.
Catechism	158 questions correlated with 10 biblical themes	158 questions correlated with 10 biblical themes	158 questions correlated with 10 biblical themes	158 questions correlated with 10 biblical themes
Memory Verses	36 verses or passages	36 verses or passages	36 verses or passages	36 verses or passages
Number of Lessons	36 weeks of lessons in 10 units (4-day weeks)	36 weeks of lessons in 10 units (4-day weeks)	36 weeks of lessons in 10 units (4-day weeks)	36 weeks of lessons in 10 units (4-day weeks)

Secondary

	Grade 7 (Level A) <i>Learning from the Life of Christ</i>	Grade 8 (Level B) <i>Portraits from the Old Testament</i>	Grade 9 (Level C) <i>Lessons from the Early Church</i>	Grade 10 (Level D) <i>Themes from the Old Testament</i>	Grade 11 (Level E) <i>Directions for Early Christians</i>	Grade 12 (Level F) <i>Patterns for Christian Living</i>
Bible Content	A complete study of Christ's life, including events and topical studies of the Lord's teaching	Factual studies of every major Old Testament figure from Adam through Nehemiah	In-depth studies of the books of Acts, 1 and 2 Thessalonians, 1 and 2 Corinthians, Galatians, and Romans	Book and topical studies develop theological themes in Old Testament prose, poetry, and prophecy	Studies of the prison and pastoral epistles, general epistles, and prophecy from Revelation	A study of the biblical way to know God, commune with Him, and serve Him; studies on Christian life topics
Developing Character	Focuses on the character traits Christ taught and embodied	Focuses on the primary lesson to be learned from the life of each figure	Focuses on practical principles derived from Paul's life and epistles	Focuses on honoring and obeying God in every area of life	Focuses on practical principles derived from epistles and prophecies	Focuses on biblical love in the home, the church, and the world
Special Studies	The Romans, Herod, Jewish leaders, Jewish holidays, the Crucifixion, Israel, Sea of Galilee	Ancient Flood narratives, Egypt's pharaohs, Jerusalem, prophets, Apocrypha	Gamaliel, Herod's Temple, Roman gods, New Testament sports, the Jewish War	Mummies, geography of Palestine, archeology, music and warfare in the Old Testament, priests	Character studies on Cerinthus, Mark, Peter, and John; study of each New Testament city	"Faith in action" sections tell stories of Christians who stood for Christ
Additional Resources	A program for Bible reading which teaches students to recognize major Biblical themes	A program for Bible reading which teaches students to recognize major Biblical themes	Detailed map of Paul's missionary journeys	A chart grouping all Old Testament books by genre, listing authors and themes	A chart listing author, date, origin, recipients, and themes of each book	A chart summarizing doctrines, the Bible, Christ, and salvation
Memory Verses	75 verses	76 verses	78 verses	72 verses	94 verses	83 verses
Number of Lessons	57 lessons in 8 units	55 lessons in 8 units	56 lessons in 9 units	51 lessons in 3 units	57 lessons in 4 units	54 lessons in 7 units

The Bible Modular Series

These six- to eight-week courses focus on a variety of issues designed for teens and adults.

<i>How Firm a Foundation!</i>	<i>Why the Bible Matters</i>	<i>Personal Evangelism and Discipleship</i>	<i>The Way of the Word</i>	<i>A Workman Not Ashamed</i>	<i>In God's Presence</i>	<i>Publish Great Things</i>
Discusses how we got the Bible, how we know which books belong in the Bible, and how the Bible was transmitted and translated; focuses on inspiration, canoncity, and authority	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	Offers a biblical foundation and practical methods for personal evangelism and discipleship; focuses on the doctrines of man, sin and salvation, the Great Commission, and discipleship	Teaches methods of Bible study, including principles of interpretation and application; includes exercises that study a passage according to genre and context and apply Scripture to contemporary situations	Prepares young men for the possibility of a future preaching ministry; discusses the call to preach, the importance of standing for Christ, methods of preparing and delivering Bible messages, and the best methods of training for the ministry	Presents in story format the principle of Christian music as it relates to God's holiness; uses a study of Chronicles to illustrate the nature of music and to show how Scripture guides musical choices	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
<i>Martyrdom: The Final Triumph of Faith</i>	<i>Beyond the Sun</i>	<i>God and His Ways</i>	<i>That I May Know Him</i>	<i>What Is Truth?</i>	<i>Walking by the Spirit</i>	<i>Who Is This Jesus?</i>
Inspires students to live God-centered lives and to see God's purpose in suffering and persecution; encourages them to triumph through adversity	Presents an expositional view of Ecclesiastes, revealing God's perspective on the meaning of life in a fallen world	Surveys the biblical teaching on the doctrines of God, man, Christ, salvation, and the church, focusing on their relevance to everyday life	Presents aspects of Christ's character and focuses on His relationships with various groups of people in the Gospel of Mark	Contrasts the Christian worldview with the basic tenets of Hinduism, Buddhism, secular humanism, and postmodernism	Surveys the Person and work of the Holy Spirit in the Old and New Testaments, focusing on the Spirit's role in salvation and sanctification	Teaches students to defend Christian beliefs against the errors of other religions and heretical sects including Judaism, Islam, Mormonism, and the Jehovah's Witnesses

Heritage Studies

Elementary

	Grade 1 <i>The New World</i> (2nd ed.)	Grade 2 <i>Winning America</i> (2nd ed.)	Grade 3 <i>Sweet Land of Liberty</i> (2nd ed.)	Grade 4 <i>Doors of Opportunity</i> (2nd ed.)	Grade 5 <i>For the Sake of Freedom</i> (2nd ed.)	Grade 6 <i>To Know the Past</i> (2nd ed.)
Topic	The New World: At Home in Early America (pre-1000 to 1682)	Winning America: Working Together in the Colonies (1607 to 1776)	Sweet Land of Liberty: The Spirit of Growing America (1776 to 1876)	Doors of Opportunity: Nineteenth-Century America (1769 to 1903)	For the Sake of Freedom: Struggles of a New Century (1903 to 2000)	To Know the Past: Ancient Landmarks (3000 B.C. to A.D. 1500)
Geography	Beginning globe and map skills; compass rose; map symbols; keys; tracing routes; transportation; simple mapmaking	Maps and keys; compass rose; simple mapmaking; picture graphs; historical maps; city maps	Physical maps; climates; time zone maps; U.S. regions/states; grid maps	Hemispheres; maps and globes; equator; natural resources; latitude/longitude; prime meridian; International Date Line; ocean currents; climates; regions; Tropics of Cancer and Capricorn; Arctic and Antarctic Circles	Globes; cartography; different types of maps (flat, interrupted, Mercator, political, physical); cultural and natural boundaries; hemispheres; latitude/longitude; time zones; natural resources; climates	Then and now; location; climate; topography; natural resources; influences on culture
History	Vikings; Columbus and the New World; Indians; Plymouth Plantation and other first settlements	Kings and queens; colonial life; founding of Jamestown; War for Independence; Constitutional Convention	Constitutional Convention; Bill of Rights; French Revolution; American frontier; the states (regions); American Civil War; railroads; Wild West	Exploration of the North Pole and South Pole; immigration; the fifty states (states, capitals, history, landmarks); inventions; American Industrial Revolution; pony express; newspapers; telegraphs; Spanish-American War; Boxer Uprising; Boer War; United States government	Inventions (car and plane); World War I; states and regions (contributions to America's history); Roaring Twenties; Depression of the 1930s; communism and socialism (dictators); World War II; Korean War; Vietnam; events and personalities of the 1990s	Establishment of empires; rulers; wars; events; archeological findings
Culture	God's laws and man's laws; schools then and now; trading with the Indians; religion: one true God; needs and wants; families; family trees	Communities: old and new; farming; community life; shopkeeping	Folktales, legends, and fables; songs of war and peace; American celebrations; transportation development	Economy: supply and demand; citizenship; branches of American government; languages; adjustment of immigrants in America; communication and transportation; evangelism and missionary work	Cultures of the world (languages, religions, customs); economy (stock market, investments, supply/demand); American homes and customs (similarities, differences, traditions)	Ancient customs; traditions; languages; music; foods; dress

	Grade 7 <i>World Studies</i> (2nd ed.)	Grade 8 <i>American Republic</i> (2nd ed.)	Grade 9 <i>Geography</i> (2nd ed.)	Grade 10 <i>World History</i> (3rd ed.)	Grade 11 <i>U.S. History</i> (3rd ed.)	Grade 12 <i>American Government</i> (2nd ed.) <i>Economics</i>	
Topic	Historical World Cultures (A.D. 1100 to the present)	United States History	Physical and Political Geography	World History	United States History	American Government	Economics
Geography	Influence of geography on culture shown by world geographical review	Geographic development of the United States through land acquisition; profiles of major geographic regions	Complete survey of geographic principles and regions; map skills	Chronological survey of physical and political geography	Influence of physical geography on American history	References to political geography	Case studies of economic issues in eighteen nations
History	Thematic and cultural approach to world history	Introduction to the history of the nation	Geographic approach to key historic events	Chronological survey of world history from Creation to the present	Chronological survey of American history from European discovery to the present	Historical perspective of the phases of American government	Biographies of eighteen influential economists
Government	Comparative world government in history	Republican form of government under the Constitution	Overview of types of governments; current issues	The relationship between Christians and the world's political systems	Structure of American government; the Constitution	Thorough analysis of all levels and all branches of American government	Comparative economic systems; business and competition; money and banking; national economic concerns such as productivity, unemployment, and inflation
Economics	Comparative economics, both historically and geographically	Development and effects of inventions and industries	Influence of land, climate, and resources on national economics	Comparative economics from both a historical and geographical perspective	Development of free-enterprise system	Taxation, bureaucratic funding, and foreign policy impact on U.S. economy	Survey of basic economic topics, including supply and demand and the circular flow of income and products
Religion	Historical comparison of world religions to Christianity	Influence of Christianity on American history	Stewardship of resources; biblical basis and illustrations for geographic principles; geography of Bible lands; comparative world religions; world missions	Focus on Western, Judeo-Christian heritage, while also surveying the contributions of Asian, African, and Latin American cultures	Contributions of various religions, especially Christianity, to America's heritage	Scriptural foundation for law and government; influence of Christianity in early America	Scriptural principles applied to all areas of economics
Culture	Arts; sciences; ways of life in the past	Interaction of people, ideas, and culture in America	All eight culture regions and their influence on lifestyles, sports, arts, and culture	Examination of how individuals have used their God-given talents in the fields of art, music, literature, and science	Integration of various facets of American culture; cultural change	Interest groups; mass media; American political behavior	Analysis of personal economic concerns such as budgeting, managing credit, saving, and financial planning

Grade 1

(3rd ed.)

Prereading Skills	Interpreting pictures; sequencing; matching sounds with pictures
Listening	Listening enjoyment: enjoying songs, stories, poems, nursery rhymes, and folktales Listening comprehension: interpreting information, listening for facts and details, following directions, making critical judgments, making application; identifying a main idea
Oral Communication	Taking part in songs, discussion, sharing of ideas, action rhymes, pantomimes, dialogues, and choral readings; retelling stories
Phonemic Awareness and Phonics	Using auditory discrimination and letter-sound association for each of the 44 English sounds and their variant spellings, the consonant blends, soft and hard <i>c</i> and <i>g</i> , the silent consonant, open and closed syllables; decoding 130 phonograms and word families; developing word recognition skills; reading phrases and sentences
Vocabulary	Meaning from context, synonyms, antonyms, compound words
Structural Analysis	Counting syllables, dividing words; base words, prefixes, suffixes
Study Skills	Using alphabetical order; following directions; reading a color key; reading for the main idea
Composition	Oral composition: dictating a word, a phrase, and a sentence; describing an experience; sharing an idea Written composition: completing a sentence, a story, and a rhyme; writing complete sentences and stories, letters, poems, a recipe, instructions, journaling, learning the five steps in the writing process
Grammar and Mechanics	Capitalization, punctuation: periods, question marks, exclamation points, commas, contractions, possessive <i>s</i> ; parts of speech: action words, naming words, describing words, position words; comparatives, superlatives
Reading	Reading for comprehension, drawing conclusions, recognizing rhyme, and analogies

	Grade 2 <i>(2nd ed.)</i>	Grade 3 <i>(2nd ed.)</i>	Grade 4 <i>(2nd ed.)</i>	Grade 5 <i>(2nd ed.)</i>	Grade 6 <i>(2nd ed.)</i>
Parts of Speech	Noun—common, proper, singular, plural, abbreviation; verb—action, linking, present and past tenses; pronoun; adjective	Noun—common, proper, singular, plural, possessive, abbreviation; verb—action, linking, helping, present, past, and future tenses; pronoun—subject, object, possessive; adjective; adverb	Noun—common, proper, singular, plural, possessive, abbreviation; as subjects, objects, and predicate nouns; verb—action, linking, helping, present, past, and future tenses; pronoun—subject, object, possessive; adjective—article, as predicate adjective; adverb; preposition	Noun—common, proper, singular, plural, possessive, abbreviation; as subjects, objects, and predicate nouns; verb—action, linking, helping, present, past, future, perfect tenses; pronoun—subject, object, possessive, reflexive; adjective—article, demonstrative, proper, as predicate adjective; adverb; preposition; conjunction—coordinating, subordinating	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, as in the predicate; adverb—comparative, superlative; preposition; conjunction—coordinating, subordinating; interjection
Sentence Structure	Sentence; fragment; subject part and action part; types—telling, question, command, strong feeling	Sentence; fragment; subject part, simple subject, predicate, and simple predicate; types—declarative, interrogative, imperative, exclamatory; compound sentence; compound subjects; compound predicates; diagramming	Sentence; fragment; subject part, simple subject, predicate, simple predicate; types—declarative, interrogative, imperative, exclamatory; compound sentence; compound subjects; compound predicates; clauses—dependent, independent; introductory phrases; prepositional phrases; diagramming	Sentence—simple, compound, complex; fragment; subject part, simple subject, predicate, simple predicate; types—declarative, interrogative, imperative, exclamatory; compound subjects; compound predicates; clauses—dependent, independent; phrases—introductory, prepositional; diagramming; basic sentence patterns	Sentence—fragment; run-on; simple, compound, complex; declarative, interrogative, imperative, exclamatory; complete subject and predicate; simple subject and predicate; compound subjects and predicates; dependent and independent clauses; introductory, prepositional phrases; sentence patterns; diagramming
Mechanics	Capitalization—proper nouns, titles, initials, <i>I</i> ; punctuation—period, question mark, exclamation point, comma, apostrophe; book titles; contractions	Capitalization—proper nouns, titles, initials, <i>I</i> ; punctuation—period, question mark, exclamation point, comma, apostrophe, quotation marks; book titles	Capitalization—proper nouns, titles, initials, <i>I</i> ; Punctuation—period, question mark, exclamation point, comma, apostrophe, quotation marks; titles of books, poems, and stories	Capitalization—proper nouns, titles, initials, <i>I</i> ; Punctuation—period, question mark, exclamation point, comma, apostrophe, quotation marks; titles of books, poems, and stories	Capitalization of proper nouns and proper adjectives, abbreviations; initials; titles; punctuation—period, question mark, exclamation point, comma, semicolon, apostrophe, quotation marks; titles of books, poems, stories, periodicals
Usage	Homophones; pronoun reference; double negatives	Homophones; pronoun reference; subject/verb agreement	Homophones; pronoun reference; subject/verb agreement; proper nouns; confusing verbs, confusing contractions; double negatives	Homophones; pronoun reference; subject/verb agreement; proper nouns; confusing verbs, confusing contractions; double negatives	Homophones; pronoun reference; subject/verb agreement; run-ons; fragments; proper nouns; contractions; confusing words; double negatives; misplaced modifiers, prefixes; suffixes
Writing Skills	Using a thesaurus to find colorful and exact words; planning with a word web, time-order chart, story map, and senses chart; revising; proofreading; writing conferences; combining sentences	Using a thesaurus to find colorful and exact words; planning with a word web, time-order chart, story map, and Venn diagram; revising; proofreading; writing conferences; combining sentences	Using a thesaurus to find colorful and exact words; planning with a word web, time-order chart, opinion chart, plot pyramid, T-chart, Venn diagram, outline; revising; proofreading; writing conferences; combining sentences; writing a bibliography	Using a thesaurus; avoiding dishonest tactics in persuasion; revising run-on sentences; planning with a word web, time-order chart, opinion chart, scene map, event-details chart, T-chart, Venn diagram, outline; revising; proofreading; writing conferences; combining sentences; writing a bibliography	Using a thesaurus; avoiding propaganda tactics; revising fragments and run-ons; planning with a word web, plot pyramid, Venn diagram, persuasion chart, time-order chart, events/details chart; revising; proofreading; writing conferences; combining sentences; publishing; taking notes; outlines; bibliography
Writing Projects	Personal narrative; instructions; couplet; shape poem; book report; friendly letter; make-believe story; description; research report	Game instructions; friendly letter; persuasive essay; make-believe story; book report; sound poem; research report; compare-contrast essay	Personal narrative; friendly letter with instructions; compare-contrast essay; book review; tall tale; research report; business letter; haiku; acrostic poem	Compare-contrast essay; persuasive business letter; diamante; sense poem; personal narrative; book review; research report; imaginative instructions; play	Personal narrative; newspaper editorial; instructions; research report; historical fiction; compare-contrast essay; limerick; free verse; cover letter; Apply and Write
Study & Reference Skills	Alphabetical order; parts of a book—title page and table of contents; dictionary—guide words, parts of an entry; library; telephone directory; taking notes	Alphabetical order; parts of a book—title page, copyright page, table of contents, index, glossary; dictionary—guide words, parts of an entry, multiple definitions; encyclopedia; atlas; library; taking notes	Parts of a book—title page, copyright page, table of contents, index, glossary; dictionary—guide words, parts of an entry, multiple definitions, multiple entries; encyclopedia; periodical; library; atlas; outline; taking notes	Parts of a book—title page, copyright page, table of contents, index, glossary, bibliography; dictionary—guide words, parts of an entry, multiple definitions, multiple entries (homographs); encyclopedia; periodical; library; atlas; almanac; textbook; outline; taking notes	Parts of a book—title page, copyright page, table of contents, index, glossary, bibliography; dictionary—guide words, parts of an entry; encyclopedia; periodicals; library; atlas, almanac, textbook; using computers
Listening & Speaking Skills	Good listening skills; telephone messages; speaking tips; oral book report	Good listening skills; introductions; speaking tips	Good listening skills; sharing a narrative; speaking tips	Good listening skills; oral book review; presenting a play; speaking tips	Good listening skills; oral publishing for written instruction; speaking tips

English: Writing & Grammar

Secondary

	Grade 7 <i>(3rd ed.)</i>	Grade 8 <i>(3rd ed.)</i>	Grade 9 <i>(3rd ed.)</i>	Grade 10 <i>(2nd ed.)</i>	Grade 11 <i>(2nd ed.)</i>	Grade 12 <i>(2nd ed.)</i>
Parts of Speech (and Verbals)	Noun; pronoun; verb—simple and perfect tenses; adjective; adverb; preposition; conjunction; interjection	Review of all from Grade 7 plus the following new material: pronoun—relative; verb—progressive tense, passive voice; conjunction—correlative; verbals—participle, infinitive, gerund, verbal phrases with modifiers, functions as different parts of speech	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	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	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	Review of all from Grade 11 plus the following new material: verbals—passive participle
Sentence Structure	Sentence patterns—S-InV, S-TrV-DO, S-TrV-IO-DO, S-LV-PN, S-LV-PA; introduction to dependent clauses; sentence types—declarative, interrogative, imperative, exclamatory; clause structure—simple, compound, complex; sentence errors—fragments, comma splices, fused sentences	Review of all from Grade 7 plus the following new material: dependent clause—adjective clause	Review of all from Grade 8 plus the following new material: dependent clause—adverb clause; clause structure—compound-complex	Review of all from Grade 9 plus the following new material: sentence patterns—S-be-AdvI, S-TrV-DO-OC; dependent clause—noun clause	Review of all from Grade 10 plus the following new material: sentence patterns—retained object in passive sentence	Review of all from Grade 11 plus the following new material: absolute phrase
Mechanics	Capitalization; punctuation; spelling	Capitalization; punctuation; spelling	Capitalization; punctuation; spelling	Capitalization; punctuation; appendix of spelling rules	Capitalization; punctuation; appendix of spelling rules	Capitalization; punctuation; appendix of spelling rules
Usage	Subject/verb agreement; pronoun/antecedent agreement; pronoun reference; troublesome words (homophones, homonyms, etc.)	Review of all from Grade 7	Review of all from Grade 8 plus the following new material: modifier placement—misplaced modifier, two-way modifier, dangling modifier	Review of all from Grade 9 plus the following new material: modifier placement—split infinitive	Review of all from Grade 10 plus the following new material: pronoun shift; verb tense consistency and sequence	Review of all from Grade 11 plus the following new material: idiomatic use of prepositions
Writing Skills	Writing process—planning, drafting, revising and proofreading, publishing; paragraph development—fact, example, statistic, incident/anecdote, sensory detail, reason; paragraph organization—chronological, spatial, order of importance; style—precise words, showing not telling	Review of all from Grade 7 plus the following new material: essay—thesis statement, outlining; introductory and concluding paragraphs	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	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	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	Review of all from Grade 11 plus the following new material: paragraph development—quotation, visual aid

Secondary

	Grade 7 (3rd ed.)	Grade 8 (3rd ed.)	Grade 9 (3rd ed.)	Grade 10 (2nd ed.)	Grade 11 (2nd ed.)	Grade 12 (2nd ed.)
Examples of Writing Projects	<p>description: biographical sketch</p> <p>exposition: in-class essay, science report evaluation</p> <p>narration: family tradition report, drama scene</p> <p>persuasion: letter to editor</p> <p>poetry: sound poem</p>	<p>description: travel brochure, character profile</p> <p>exposition: news story, business letter</p> <p>narration: autobiography, fable</p> <p>persuasion: debate script, print advertisement</p>	<p>description: comparison/contrast paper</p> <p>exposition: five-paragraph research essay, storyboard (public service announcement)</p> <p>narration: personal experience</p> <p>persuasion: devotional</p> <p>poetry: quatrain, diamante</p>	<p>description: eyewitness report</p> <p>exposition: research essay, cause-and-effect essay</p> <p>narration: short story, oral anecdote</p> <p>persuasion: persuasive speech, editorial</p> <p>poetry: poetry and metaphor</p> <p>multimedia: webpage design</p>	<p>description: interview</p> <p>exposition: formal research paper, analytical essay, critical response to literature</p> <p>narration: narrative poem, folktale</p> <p>persuasion: letter to editor</p> <p>poetry: hymn</p>	<p>description: descriptive essay, comparison/contrast essay</p> <p>exposition: research report, response to a dramatic scene (literary analysis)</p> <p>narration: dramatic scene, interior monologue</p> <p>persuasion: persuasive essay</p> <p>poetry: sonnet</p> <p>multimedia: video report</p>
Study & Reference Skills	dictionary—guide words, entry word, syllabification, pronunciation, definition, function label, etymology; library—types of materials, call number, alphabetizing, Dewey decimal system, Library of Congress system, card catalog, computer catalog; reference tools; parts of a book; scheduling study time; memory techniques; reading comprehension—definitions, restatements, examples, word parts; test-taking strategies—classroom tests, standardized tests	review of all from Grade 7 plus the following new material: dictionary—usage label	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	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	review of all from Grade 10 plus the following new material: reference tools—literary index, literary sources	review of all from Grade 11

Vocabulary

Secondary

	Grade 7 <i>Vocabulary A</i> (2nd ed.)	Grade 8 <i>Vocabulary B</i> (2nd ed.)	Grade 9 <i>Vocabulary C</i> (2nd ed.)	Grade 10 <i>Vocabulary D</i> (2nd ed.)	Grade 11 <i>Vocabulary E</i> (2nd ed.)	Grade 12 <i>Vocabulary F</i> (2nd ed.)	
Approach	The texts use context as a major means of learning.						
Plan	Each text includes fifteen two-part lessons, fifteen cumulative reviews, and a supplement containing various means of reinforcement and vocabulary building exercises (games, puzzles, contests, etc.).						
Content	These texts focus on Latin prefixes and roots, synonyms, antonyms, homonyms, word families, concise words, denotation and connotation.			This text focuses on Greek prefixes and roots, clipped words, compounds, blends, diminutives, reduplication, and onomatopoeic words.		This text focuses on sources of English words, coined words, French words, Greek and Latin loan words, allusions, back-formation, and folk etymology.	This text focuses on changes in word meanings (broadening and narrowing, strengthening and weakening, etc.), words from other languages, native English words, number words (e.g., <i>semi-</i> , <i>bi-</i> , <i>prime</i> , <i>decimate</i>).
Features	The texts use a variety of learning methods, including word stories and spelling helps. Lessons incorporate biblical stories with a focus on character building and are often related to other subjects students may be learning.						

Elementary

	K5 <i>Set of 32 Books</i> <i>(3rd ed.)</i>	Grade 1 <i>Set of 6 Readers</i> <i>(3rd ed.)</i>	Grade 2 <i>2A If Skies Be Blue</i> <i>2B When the Sun Rides High</i> <i>(2nd ed.)</i>	Grade 3 <i>3A Once Upon an Open Book</i> <i>3B Not So Very Long Ago</i> <i>(2nd ed.)</i>
Word Recognition	Application of phonics concepts presented in K5 Beginnings: Readers 1–16—short vowels, single consonants, few consonant blends/Readers 17–32—consonant blends and digraphs, long vowels, <i>r</i> -influenced vowels, special vowels; word families; service words; compound words; words with suffixes	Review and application of phonics concepts presented in Phonics and English 1: short vowels, single consonants, consonant blends, long vowels, <i>r</i> -influenced vowels, special vowels, soft and hard <i>c</i> and <i>g</i> , silent consonants, open/closed syllables; word families; context clues; service words; compound words; words with suffixes; antonyms; synonyms; contractions; syllable division	Re-teaching of phonics: a review of the forty-four sounds of English with many of the variant spellings; counting syllables; syllable division; base words/prefixes/suffixes, <i>VC/CV</i> pattern, compound words, consonant + <i>le</i> ; accent in compound words; context clues; service words	Phonics review; introduction of several variant spellings; syllable division: base words/prefixes/suffixes, <i>VC/CV</i> pattern, compound words, prefixes/suffixes, two-syllable words, words ending with <i>-tion</i> ; context clues; service words review
Comprehension	Literal, interpretive, critical, appreciative levels; picture reading; predict text, make inferences, draw conclusions; predict outcomes; compare; sequence events; follow directions; punctuation: period, exclamation point, question mark	Literal, interpretive, critical, appreciative levels; biblical truth; interpret pictures; setting; character motives; character traits; make inferences; draw conclusions; main idea; predict outcomes; sequence events; true/false statements; classify; compare and contrast; comparatives/superlatives; follow directions; size/spatial/time relationships; cause and effect; punctuation; sentence sense	Literal, interpretive, critical, appreciative levels; classify; sequencing; cause and effect; following directions; relevant information; draw conclusions; compare and contrast; develop opinions; main idea; make inferences; predict outcomes; true/false statements; time/place relationships; abbreviations; capitalization; comparatives/superlatives; possessives; pronouns; punctuation	Literal, interpretive, critical, appreciative levels; classify; sequencing; cause and effect; relevant/irrelevant information; draw conclusions; compare and contrast; develop opinions; fact/opinion; main idea; predict outcomes; problems/solutions; make inferences; critical thinking; time/place relationships; abbreviations; comparatives/superlatives; possessives; pronoun references
Vocabulary	Meaning from context	Meaning from context; synonyms; contractions; action words; describing words; naming words; compound words; analogies; riddles; prefixes; suffixes; Bible words	Meaning from context; antonyms; synonyms; prefixes; suffixes; analogies; compound words; contractions	Meaning from context; antonyms; synonyms; prefixes; suffixes; analogies; compound words; contractions
Literature	Read a variety of genres: family stories, informational articles, fanciful animal stories, poetry, Bible accounts, realistic fiction; traditional; distinguishing reality from fantasy	Reading a variety of genres: realistic fiction, folktales, fables, historical fiction, Bible accounts, missionary stories, drama, informational articles; fanciful elements; rhyme; similes; onomatopoeia	Setting; plot; point of view; metaphor; simile; fanciful elements; idioms; imagery; foreshadowing; personification; repetition in poetry; rhythm; onomatopoeia; alliteration; character development; character motives; character traits; main and lesser characters	Setting; plot; point of view; metaphor; simile; fanciful elements; idioms; imagery; onomatopoeia; foreshadowing; personification; conflict; rhyme; rhythm; quatrains in poetry; alliteration; main character; character development; character motives; character traits; humor; sarcasm; suspense
Study Skills		Book parts; alphabetizing; color key; maps; diagrams; skimming; scanning; days of the week; glossary skills; locate information; calendar	Alphabetizing; glossary; table of contents; books of the Bible; calendar; recipe; poem stanzas; hymn verses; globe; maps; diagrams; graphs; semantic maps	Glossary; table of contents; calendar; schedule; diagrams; maps; newspaper; classified ad; graphs; Bible concordance; biographical dictionary; encyclopedia; timeline; cross references; PQ3R study method; skimming; scanning
Silent Reading	Read for specific information; read for author's message	Read for specific information; read for author's message	Purpose for reading; author's message; biblical truth	Purpose for reading; author's message; biblical truth
Oral Reading	Communicate message of the author; communicate in a natural manner; communicate mood; portray a character; respond to punctuation: period, exclamation point, question mark	Communicate message of the author; communicate meaning; communicate mood; portray emotion; respond to punctuation; portray characters	Communicate message of the author; communicate mood; convey dialogue, emotion, meaning; portray a character; choral reading; drama; respond to punctuation	Communicate message of the author; communicate mood, motive; convey emotion; portray a character; choral reading; drama
Composition		Describe a picture, an experience, an object, a place, and an event; write a newspaper article, a letter, a journal entry, and a poem; complete a sentence, a story frame; write a response to the theme of a story, an event from another point of view, and things learned about God	Setting; text for illustration; couplet; personal essay/experience; thank-you note	Simile; alliterative phrases; news article; personal experience

Elementary

	Grade 4 <i>I Met You in a Story</i> (2nd ed.)	Grade 5 <i>Pages in My Head</i> (2nd ed.)	Grade 6 <i>As Full as the World</i> (2nd ed.)
Word Recognition	Syllable division; accented syllables; primary/secondary accents; base words/prefixes/suffixes; <i>schwa</i> syllables; shift in accent; optional remedial phonics	Syllable division; accented syllables; primary/secondary accents; base words/prefixes/suffixes; <i>schwa</i> syllables; shift in accent; optional remedial phonics	Syllable division and accented syllables review
Comprehension	Literal, interpretive, critical, appreciative levels; biblical truth; cause and effect; classify; sequence events; draw conclusions; predict outcomes; fact/opinion; comparatives/superlatives; main idea; relevant/irrelevant information; place/size/time relationships; dialect; discernment; sense of history	Emphasis on critical and appreciative levels; biblical truth; brainstorming ideas; compare and contrast; making judgments; cause and effect; predict/evaluate outcomes; draw conclusions; classify; sequence events; allegorical comparisons; fact/opinion; dialect; main idea; relevant/irrelevant information; pronoun references; quotation marks; sense of history	Emphasis on critical and appreciative levels; biblical truth; brainstorming ideas; classify; fact/opinion; predict/evaluate outcomes; problems and solutions; making judgments; cause and effect; critical thinking; interpret information; main idea; sequence events; discernment; sense of history
Vocabulary	Meaning from context; prefixes; suffixes; Greek and Latin roots; synonyms; antonyms; analogies; multiple meanings	Meaning from context; prefixes; suffixes; Greek and Latin roots; synonyms; antonyms; analogies; adverbs; acronyms; contractions	Meaning from context; etymologies; prefixes; suffixes; Greek and Latin roots; adverbs; analogies; antonyms; synonyms; vocabulary review and quizzes
Literature	Setting; plot; conflict; crisis; flashback; main character; character growth and change; point of view; foreshadowing; moral; personification; good/evil elements; distinguishing genres; mood; haiku; simile; metaphor; hyperbole; idiom; onomatopoeia; imagery; rhymes; exaggeration; suspense	Setting; plot; mood; theme; symbols; characters; figurative language; alliteration; assonance; hyperbole; idiom; metaphor; simile; understatement; conflict; crisis; humor; allegorical setting; propaganda; onomatopoeia; moral; main character; character motives; character growth and change; point of view; rhyme pattern; enjambment; plot resolution; author biographies; suspense; allusion	Setting; plot; conflict; mood; theme; crisis; flashback; foreshadowing; cliffhanger; denouement; open/closed endings; point of view; irony; sarcasm; hyperbole; understatement; allusions; alliteration; anaphora; idiom; dialect; moral; rhyme; rhythm; personification; exaggeration; suspense; symbolism; tone; good/evil; comparing and contrasting characters; main characters; character motives; character traits; flat/round, dynamic/static characters; character growth and change; author biographies; Caldecott and Newbery awards; propaganda
Study Skills	Bible study; card catalog; Dewey decimal system; encyclopedia; key word; cross-references; glossary; types of dictionaries; charts; graphs; maps; timeline; captions; headlines; subtitles; outlining; PQ3R study method; skimming; scanning; paraphrasing; schedules; diagrams	Bible study; card catalog; Dewey decimal system; atlas; encyclopedia; dictionary; glossary; cross-references; charts; graphs; diagrams; maps; tables; index; captions; headlines; outlining; note taking; paraphrasing; summarizing; skimming; scanning; key word; topic sentence; PQ3R study method; listening strategy; subheadings; relevant/irrelevant information; time line	Bible study; Dewey decimal system; non-print media; periodical guide; atlas; catalog order; encyclopedia; glossary; maps; headlines; outlining; skimming; scanning; paraphrasing; summarizing; PQ3R study method; listening strategy; reference tools; relevant/irrelevant information; charts; graphs; tables; timeline; thesaurus; primary/secondary sources; diagrams; Venn diagram; graphic organizers
Silent Reading	Purposes: for information, for entertainment, for understanding, for spiritual growth; author's message; biblical truth	Purposes: for information, for entertainment, for understanding, for spiritual growth; author's message; biblical truth	Purposes: for information, for entertainment, for understanding, for spiritual growth; author's message; biblical truth
Oral Reading	Communicate author's message; communicate mood and motive; convey emotion; portray character; convey meaning of Scripture; voice inflection; volume and pacing	Communicate author's message; communicate mood, motive, meaning; convey emotion; portray character; voice expression; volume and rate	Communicate author's message; communicate mood, motive, meaning, emotion; persuasive manner; interpret dialect; choral reading; voice expression; reading rate
Composition	Metaphor; simile; limerick; caption; dialogue	Biography; fable; folktale; legend; modern realistic fiction; book review; plot; caption; dialogue	Character sketch; setting; plot; devices of style; imagery, hyperbole, allusion; theme; short story; poem; advertisement; article; irony; pun; point of view; figurative language

Secondary

	Grade 7 <i>Explorations in Literature (3rd ed.)</i>	Grade 8 <i>Excursions in Literature (3rd ed.)</i> <i>Available March 2008</i>	Grade 9 <i>Fundamentals of Literature (updated)</i>	Grade 10 <i>Elements of Literature (updated)</i>	Grade 11 <i>American Literature (2nd ed. updated)</i>	Grade 12 <i>British Literature (2nd ed. updated)</i>
Approach	Thematic	Thematic	Critical	Critical	Historical	Historical
Organization	Six themes: courage; nature and man; generosity; our land; humility; family	Six themes: friends, choices, heroes, discoveries, adventures, viewpoints	Six unit divisions: conflict; theme; character; structure; point of view; moral tone	Three major unit divisions: marks of literature; modes of literature; forms of literature	Four major literary divisions: early American literature; American romanticism; American realism and naturalism; modern American literature	Four major literary divisions: the Middle Ages; the Renaissance; the Age of Revolution; the Age of Reform
Content	<ul style="list-style-type: none"> • Genres represented: fables; drama; poetry; hymns; Scripture; short story; biography; autobiographical accounts; historical essays; essays 	<ul style="list-style-type: none"> • Genres represented: short fiction; novel; drama; poetry; hymns; folktale; personal essay; humorous essay; diary • Cultures represented: American; English; French; Japanese; Norwegian; Cuban; Chinese; Irish; Czechoslovakian; New Zealander; Greek; Burmese; S. African; German; Dutch; Yiddish; Polish 	<ul style="list-style-type: none"> • Range of selections: classic to contemporary • Genres represented: fiction; nonfiction; poetry; drama • Cultures represented: American; English; French; Russian; Swedish; Japanese • Supplementary material: <i>Cyrano de Bergerac</i> (videocassette) 	<ul style="list-style-type: none"> • Marks of literature: imaginative comparison; sound and syntax; thought and theme • Modes of literature: allusion; symbol; irony • Forms of literature: biography; fiction; lyric poetry; drama; personal essay 	<ul style="list-style-type: none"> • Early American literature: settlement; religious experience; revolution • American romanticism: Knickerbockers; New England School; transcendental optimists; transcendental pessimists • American realism and naturalism: regionalists; realists; naturalists; anti-naturalists • Modern American literature: modern poetry; modern prose; short fiction; essay; drama 	<ul style="list-style-type: none"> • 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: <i>Macbeth</i> (videocassette)
Features	In each unit the student progresses from reading for pleasure to reading for wisdom. Selections in these books require reading with discernment, a goal toward which all literature teachers hope to direct their students. Thinking zones at the end of most selections explain key literary concepts and introduce students to terms used in literary analysis. Questions progress from literal to interpretive to critical to appreciative and guide the students in evaluating the literature and applying the associated concepts. The test also includes short biographical sketches of individual authors.		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 as well as the headnotes and 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.	The introductory essays build on the foundation provided in the ninth-grade text. Having mastered the six basic elements of literature, the student is now ready to focus on those literary details that define and distinguish interpretive literature. An understanding of these details will aid him in developing skills essential for component literary analysis and moral discernment and will help him see how he might use these skills to enrich his study of Scripture.	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.	

Handwriting

Grade 1 (3rd ed.)	Grade 2 (2nd ed.)	Grade 3 (2nd ed.)	Grade 4 (2nd ed.)	Grade 5 (2nd ed.)	Grade 6 (2nd ed.)
PreCursive letter formation for A–Z; using correct pencil hold, paper position, posture, and spacing; being consistent in slant and letter alignment; placing words on a line correctly, practice letter formation with words, sentences, Bible principles, and poems	Maintaining PreCursive alphabet and mastering cursive alphabet; maintaining good handwriting skills—good posture, paper positioning, pencil hold, correct letter formation, slant, alignment, rhythm, spacing, neatness; applying use in subject content areas—Bible, math, English skills, science, Heritage Studies; copying good cursive models that include Scripture, poetry, hymns, pledges, recipes, thank-you notes, invitations, and friendly letters	Maintaining cursive alphabet: uppercase and lowercase; maintaining good handwriting skills using 3/8" writing lines; applying use in subject content areas—Bible, math, English skills, science, Heritage Studies; copying good cursive models that include Scripture, poetry, timelines, tables, diaries, logs, maps, quotations, character traits, and hymns	Maintaining cursive alphabet: uppercase and lowercase; maintaining good handwriting skills using ink pens; applying use in subject content areas—Bible, math, English skills, science, Heritage Studies; copying good cursive models that include descriptive paragraphs, outlines, journals, book reports, hymns, Scripture, timelines, titles, and labels	Maintaining cursive alphabet: uppercase and lowercase; learning alternative styles of capital letters; maintaining good handwriting skills; applying use in subject content areas—Bible, math, English skills, science, Heritage Studies; copying good cursive models that include Scripture, hymns, newspaper articles, information forms, haiku, fables, and titles	Maintaining cursive alphabet: uppercase and lowercase; learning Chancery cursive: uppercase, lowercase, numerals; maintaining good handwriting skills; applying use in subject content areas—Bible, math, English skills, science, Heritage Studies; copying good cursive models that include Scripture, hymns, poetry, telegrams, bibliographies, checks, quotations, outlines, schedules, and post cards

Spelling

Grade 1 (2nd ed.)	Grade 2 (Updated)	Grade 3 (Updated)	Grade 4 (Updated)	Grade 5 (Updated)	Grade 6 (Updated)
<p>Spelling Lists: 24 sight words, 72 spelling patterns, suffixes: <i>-ed</i>, <i>-er</i>, <i>-es</i>, <i>-est</i>, <i>-ing</i>, <i>-s</i></p> <p>Spelling application: Dictation sentences on tests</p> <p>Dictionary skills: alphabetical order; finding entry words; estimating the place of a word in the dictionary; recognizing syllables, word forms, sample sentences, guide words</p> <p>Comprehension activities: use of spelling words in context</p>	<p>Spelling Lists: 68 word families; suffixes: <i>-s</i>, <i>-es</i>, <i>-ed</i>, and <i>-ing</i>; compound words; silent letters</p> <p>Spelling application: Dictation sentences on tests</p> <p>Dictionary skills: alphabetical order; estimating the place of a word in the dictionary; recognizing guide words, entry words, sample sentences, and word forms; dividing words into syllables</p> <p>Comprehension activities: use of spelling words in context</p> <p>Journal writing</p>	<p>130 word families; suffixes: <i>-er</i>, <i>-es</i>, <i>-est</i>, <i>-ing</i>, <i>-s</i>, and <i>-tion</i>; days of the week</p> <p>Spelling application: Dictation sentences on tests</p> <p>Dictionary skills: alphabetizing words to the third letter; recognizing guide words, entry words, sample sentences, word forms, and two-syllable words; dividing words into syllables</p> <p>Comprehension activities: use of spelling words in context</p> <p>Journal writing</p>	<p>Spelling Lists: Based on spelling generalizations; abbreviations; homonyms; suffixes: <i>-en</i>, <i>-or</i>, <i>-ful</i>, and <i>-less</i>; prefixes: <i>re-</i> and <i>un-</i>; months of the year; books of the Bible</p> <p>Spelling application: Dictation sentences on tests</p> <p>Dictionary skills: alphabetizing words to the third letter; recognizing guide words, entry words, sample sentences, and word forms; dividing words into syllables; pronunciation key; respellings in the entry; parts of speech; homographs</p> <p>Comprehension activities: use of spelling words in context</p> <p>Journal writing</p>	<p>Spelling Lists: Based on spelling generalizations; morphophonemic pairs; suffixes: <i>-sion</i>, <i>-ness</i>, <i>-ment</i>, <i>-ible</i>, and <i>-able</i>; prefixes: <i>im-</i>, <i>in-</i>, <i>non-</i>, <i>dis-</i>, <i>mis-</i>, <i>pre-</i>, and <i>over-</i>; states of the Union</p> <p>Spelling application: Dictation sentences on tests</p> <p>Dictionary skills: alphabetizing words to the third letter; recognizing guide words, entry words, sample sentences, and word forms; dividing words into syllables; pronunciation key; respellings in the entry; parts of speech; homographs</p> <p>Comprehension activities: use of spelling words in context</p> <p>Journal writing</p>	<p>Spelling Lists: Based on spelling generalizations or Greek and Latin roots; word pairs with 14 different suffixes and use of morphophonemics; words derived from Latin, Greek, and French; 120 names of countries</p> <p>Spelling application: Dictation sentences on tests</p> <p>Dictionary skills: recognizing guide words, entry words, sample sentences, and word forms; dividing words into syllables; using pronunciation key and respellings; choosing the best definition; recognizing synonyms; recognizing slang, idioms and informal language; identifying etymologies</p> <p>Comprehension activities: use of spelling words in context</p> <p>Journal writing</p>

Elementary

	K5 <i>(3rd ed.)</i>	Grade 1 <i>(3rd ed.)</i>	Grade 2 <i>(3rd ed.)</i>	Grade 3 <i>(2nd ed.)</i>	Grade 4 <i>(2nd ed.)</i>	Grade 5 <i>(2nd ed.)</i>	Grade 6 <i>(2nd ed.)</i>
Numeration	Identify 0–100; writing 0–100	Identify 0–999; writing 0–100; number words: zero to twenty	Identify and write 0–9,999; number words: <i>zero to nine hundred ninety-nine</i>	Recognizing and writing 0 to 1,000,000; number words: <i>zero to one million</i> ; Roman numerals	Recognizing and writing 0 to 1,000,000,000; number words: <i>zero to one billion</i> ; Roman numerals	Recognizing and writing 0 to 1,000,000,000,000; number words: <i>zero to hundred billions</i> ; Roman numerals	Recognizing and writing 0 to 1,000,000,000,000; number words: <i>zero to hundred billions</i> ; Roman and Egyptian numerals
Number Theory	Ordinals: first–sixth; first, next, last; before, after, between; patterns; place value: tens/ones	Ordinals: first–tenth; first, next, last; before, after, between; patterns; number line; 10 more/10 less; 100 more/100 less; place value: hundreds/tens/ones; even/odd numbers; compare with < and >	Ordinals: first–twenty; before, after, between; patterns; number line; 10 more/10 less; 100 more/100 less; place value: thousands/hundreds/tens/ones; expanded form; even/odd numbers; round to the nearest ten and hundred; compare with > and <	Ordinals: first through ninety-ninth; place value: ones to one millions; compare; even and odd numbers; round to the nearest ten and hundred	Ordinals: first through ninety-ninth; place value: ones to hundred millions; compare; even and odd numbers; round to the nearest ten, hundred, and thousand	Place value: ones to hundred billions; compare; even and odd numbers; prime and composite numbers; round to the nearest ten, hundred, and thousand	Place value: ones to hundred billions; compare; even and odd numbers; prime and composite numbers; round to the nearest ten, hundred, and thousand
Counting	Count to 150 by 1s; count to 100 by 10s; count to 50 by 5s; count on	Count to 1000 by 1s; count to 200 by 10s; count to 1000 by 100s; count to 100 by 5s; count to 50 by 2s; count to 30 by 3s; count on	Count by 1s, 5s, 10s, and 100s; by 2s to 60; by 3s to 30; by 4s to 40	Count by 1s, 5s, 10s, 100s, and 1,000s; count to 50 by 2s; to 30 by 3s; to 40 by 4s	Count by 1s, 5s, 10s, 100s, 1,000s, 10,000s, and 100,000s; count to 50 by 2s; to 30 by 3s; to 40 by 4s; to 60 by 6s; to 70 by 7s; to 80 by 8s; to 90 by 9s	Count by 1s, 5s, 10s, 100s, 1,000s, 10,000s, and 100,000s; count to 50 by 2s; to 30 by 3s; to 40 by 4s; to 60 by 6s; to 70 by 7s; to 80 by 8s; to 90 by 9s	Count by 1s, 5s, 10s, 100s, 1,000s, 10,000s, and 100,000s; count to 50 by 2s; to 30 by 3s; to 40 by 4s; to 50 by 5s; to 60 by 6s; to 70 by 7s; to 80 by 8s; to 90 by 9s
Addition	Sums to 10; equation; vertical form; money; oral word problems	100 basic facts; fact families; 2- and 3-digit addends; rename 10 ones as 1 ten; column addition; equation; vertical form; word problems; Order Principle, Zero Principle, Grouping Principle	100 basic facts; fact families; 4-digit addends; column addition; rename 10 ones as 1 ten, 10 tens as 1 hundred, 10 hundreds as 1 thousand; money; word problems; strategies; Order Principle, Zero Principle, Grouping Principle	100 basic facts; fact families; four-digit addends; column addition; money; order, grouping, and zero principles; word problems	100 basic facts; fact families; six-digit addends; column addition; money; order, grouping, and zero principles; word problems	100 basic facts; fact families; six-digit addends; column addition; money; missing minuend; Associative, Commutative, and Identity Properties; word problems	100 basic facts; six-digit addends; column addition; money; missing minuend; Associative, Commutative, and Identity Properties; word problems; mental math; compensation
Subtraction	Differences to 10; equation; vertical form; money; oral word problems; take-away; comparison	100 basic facts; fact families; 2-digit minuend and subtrahend; equation; vertical form; money; word problems; take-away, comparison, missing addend; Zero Principle	100 basic facts; fact families; 3- and 4-digit minuend and subtrahend; rename 1 ten as 10 ones, 1 hundred as 10 tens, 1 thousand as 10 hundreds; money; word problems; take-away, comparison, missing addend; strategies; Zero Principle	100 basic facts; fact families; four-digit subtrahend and minuend; take-away; comparison; missing addend; money; zero principle; word problems	100 basic facts; fact families; six-digit subtrahend and minuend; take-away; comparison; missing addend; unknown part; money; zero principle; word problems	100 basic facts; fact families; six-digit subtrahend and minuend; take-away; comparison; missing addend; missing subtrahend; unknown part; money; zero principle; word problems	100 basic facts; six-digit subtrahend and minuend; take-away; comparison; missing addend; missing subtrahend; unknown part; money; zero principle; word problems; mental math
Multiplication		Readiness; repeated addition; doubling; counting by 2s, 3s, 5s; equation; word problems	Repeated addition; array; number line; equation; vertical form; factors: 0–5, 10; word problems; Order Principle, Identity Principle, Zero Principle	100 basic facts; fact families; multiples; repeated addition; equal sets; array; money; three one-digit factors; one-digit times two-digit; order principle; multiplication-addition principle; word problems	100 basic facts; fact families; multiples; equal sets; array; cross-product; money; three one-digit factors; one-digit times five-digit; two-digit times three-digit; order principle; multiplication-addition principle; factoring; word problems	100 basic facts; fact families; factor trees; GCF; LCM; array; cross-product; money; one-digit times four-digit; two-digit times four-digit; three-digit times four-digit; Commutative, Associative, Identity, and Distributive Properties; word problems	100 basic facts; facts with 10, 11, and 12; factor trees; GCF; LCM; cross-product; money; squares; cubes; exponents; one-digit times five-digit; two-digit times five-digit; three-digit times five-digit; Commutative, Associative, Identity, and Distributive Properties; word problems

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Division		Readiness; fair shares	Equal sets; equation; missing factor; divisor: 1–5; word problems	90 basic facts; fact families; repeated subtraction; money; measurement; partitive; missing factor; two-digit by one-digit; word problems	90 basic facts; fact families; repeated subtraction; money; measurement; partitive; missing factor; three-digit by one-digit; three-digit by two-digit; word problems	90 basic facts; fact families; money; measurement; partitive; missing factor; five-digit by one-digit; five-digit by two-digit; word problems	90 basic facts; money; measurement; repeated subtraction; partitive; missing factor; four-digit by one-digit; four-digit by two-digit; five-digit by three-digit; word problems
Algebra Readiness	Equation	Equation; missing addend	Equation; missing addend; missing factor; Order Principle, Grouping Principle, Zero Principle	Order; missing addend; missing factor; negative numbers (temperature)	Order; missing addend; missing factor; add and subtract positive and negative numbers; word problems	Missing addend; missing subtrahend; missing minuend; missing factor; add and subtract positive and negative numbers; word problems	Missing addend; missing subtrahend; missing minuend; missing factor; add, subtract, and multiply positive and negative numbers; add and subtract with variables
Fractions	Equal parts; halves; thirds; fourths; halves of a set of objects	Equal parts; halves; thirds; fourths; part of a set of objects; fair shares	Equal parts; halves to tenths; part of a set; fair share; compare with common denominators; compare with 1 as the numerator	Part of a whole; part of a set; equivalent fractions; compare; order; mixed numbers	Part of a whole; part of a set; mixed numbers; equivalent fractions; compare; order; rename into higher and lower terms; add and subtract like and unlike fractions; add and subtract mixed numbers; word problems	Part of a whole; part of a set; equivalent fractions; compare; order; add, subtract, and multiply like and unlike fractions; add, subtract, and multiply mixed numbers; ratio; percent; word problems	Part of whole; part of a set; number line; equivalent fractions; compare; order; add, subtract, multiply, and divide like and unlike fractions; add, subtract, multiply, and divide mixed numbers; ratio; percent; word problems
Decimals		Money	Money	Read and write tenths and hundredths; compare; order; add and subtract; money; word problems	Read and write tenths and hundredths; round to nearest tenth; compare; add and subtract; money; word problems	Read and write tenths through thousandths; round to the nearest tenth through thousandth; compare; order; add, subtract, multiply, and divide; money; percent; word problems	Read and write tenths through hundred thousandths; round to the nearest tenth through thousandth; compare; order; add, subtract, multiply, and divide; money; percent; word problems
Geometry	<p>Flat shapes: circle, square, triangle, rectangle; symmetry; same shape</p> <p>Solid figures: ball-shape (sphere), can-shape (cylinder), box-shape (rectangular solid, cube), cone-shape (cone)</p> <p>Spatial relationships: top, middle, bottom; left, right; over, under; inside, outside; on, off; front, back</p> <p>Patterns</p>	<p>Flat shapes: circle, square, triangle, rectangle; sides and corners; symmetry; same size; same shape</p> <p>Solid figures: sphere, cylinder, rectangular prism, cube, cone, pyramid; corners, faces, curves</p> <p>Spatial relationships; patterns; perimeter</p>	<p>Plane figures: circle, square, triangle, rectangle, pentagon, hexagon, oval; sides, vertices; similar, congruent; symmetry; slides, flips, turns</p> <p>Solid figures: sphere, cylinder, rectangular prism, cube, cone, pyramid; faces, edges, vertices, curves</p> <p>Lines: horizontal/vertical; parallel/intersecting</p> <p>Area; perimeter; patterns</p>	<p>Shapes: circle, square, triangle, rectangle, pentagon, hexagon, octagon</p> <p>Solid figures: sphere, cube, cylinder, cone, rectangular solid</p> <p>Perimeter; area; volume; line segment; right angles; symmetry; similar and congruent</p>	<p>Shapes; solids; perimeter; area; volume; points; line segments; rays; parallel and intersecting lines; right angles; symmetry; similar and congruent</p> <p>Circle: radius, diameter</p>	<p>Shapes; perimeter; area; solids; volume</p> <p>Circle: radius, diameter, chord, circumference</p> <p>Triangles: equilateral, isosceles, scalene, acute, obtuse, right</p> <p>Lines: parallel, intersecting, perpendicular</p> <p>Angles: right, acute, obtuse</p> <p>Points; line segments; rays; symmetry; similar and congruent</p>	<p>Classify triangles and quadrilaterals; perimeter; area; solids; volume; surface area</p> <p>Circle: radius, diameter, chord, circumference</p> <p>Lines: parallel, intersecting, perpendicular</p> <p>Angles: right, acute, obtuse</p> <p>Points; line segments; rays; symmetry; similar and congruent; constructions</p>

Elementary

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Estimation	Numbers of objects; Length: centimeter Weight: weighs more, weighs less; Capacity: holds more, holds less	Numbers of objects; Length: inch; centimeter Weight: weighs more, weighs less Capacity: holds more, holds less	Round to nearest ten and hundred Length: inch, foot, yard; centimeter, meter Weight: more than/less than 1 pound, 1 ounce Mass: more than/less than 1 kilogram; about 1 gram/more than 1 gram Capacity: more than/less than 1 cup, 1 pint, 1 quart, 1 gallon; more than/less than 1 liter	Front-end estimation and rounding for addition, subtraction, and multiplication; Measurement	Front-end estimation and rounding for addition, subtraction, multiplication, and decimals Overestimating/underestimating; Measurement	Front-end estimation and rounding for addition, subtraction, multiplication, and decimals Overestimating/underestimating; Measurement	Front-end estimation and rounding for addition, subtraction, multiplication, division, decimals Nearest $\frac{1}{2}$ for addition and subtraction of fractions
Measurement	Size: larger, smaller Length/Height: longer shorter; non-standard units; inch; centimeter Weight: weighs more, weighs less; pound Capacity: holds more, holds less; cup, quart, gallon, liter Temperature: hot, cold Measuring Tools: ruler, scale, thermometer, cup Time: to hour Calendar: days, weeks, months, year Money: penny, nickel, dime, quarter	Length/Height: non-standard units; inch; centimeter Weight: weighs more, weighs less; pound Mass: kilogram Capacity: holds more, holds less; cup, quart, gallon, liter Temperature: Fahrenheit; Celsius Measuring Tools: ruler, scale, thermometer, cup Time: to 5-minute interval; elapsed time Calendar: days, weeks, months, year Money: penny, nickel, dime, quarter	Length: inch, foot, yard; centimeter, meter Capacity: cup, pint, quart, gallon; liter Weight: ounce, pound Mass: gram, kilogram Temperature: Fahrenheit; Celsius Measuring Tools: ruler, scale, thermometer, cup, liter Time: to 5-minute interval; A.M./P.M.; elapsed time Calendar: day, week, month, year Money: penny, nickel, dime, quarter, half-dollar, 1 dollar	Length: $\frac{1}{4}$ inch, foot, yard, mile, centimeter, decimeter, meter, kilometer Capacity: cup, pint, quart, gallon, milliliter, liter Weight: ounce, pound Mass: gram, kilogram Temperature: Fahrenheit, Celsius Time: elapsed time, nearest minute Calendar Money	Length: $\frac{1}{4}$ inch, foot, yard, mile, millimeter, centimeter, decimeter, meter, kilometer Capacity: cup, pint, quart, gallon, milliliter, liter Weight: ounce, pound, ton Mass: gram, kilogram Temperature: Fahrenheit, Celsius Time: elapsed time, nearest minute, time zones, timeline Calendar Money	Length: $\frac{1}{4}$ inch, foot, yard, mile, millimeter, centimeter, decimeter, meter, kilometer Capacity: cup, pint, quart, gallon, milliliter, liter Weight: ounce, pound, ton Mass: milligram, gram, kilogram Add, subtract, and multiply metric and customary measures Temperature: Fahrenheit, Celsius Time: elapsed time, time zones, timeline Money	Length: $\frac{1}{4}$ inch, foot, yard, mile, millimeter, centimeter, decimeter, meter, kilometer Capacity: cup, pint, quart, gallon, milliliter, liter Weight: ounce, pound, ton Mass: milligram, gram, kilogram Add, subtract, multiply, and divide metric and customary measures Temperature: Fahrenheit, Celsius Time: elapsed time, time zones, timeline, 24-hour clock; wages
Problem Solving	Oral word problems; graphs; probability	Word problems; graphs; tables; probability; money	Word problems; graphs; tables; charts; map skills; probability; money	Money; logic; graphs; tables and charts; map skills; probability Word problems: too much, too little information; two-step word problems	Money; logic; probability; catalog; graphs; tables and charts; Venn diagrams; map skills; two-step word problems	Money; logic; probability; catalog; graphs; tables and charts; Venn diagrams; map skills; group problem solving; multistep word problems	Money; logic; probability; catalog; graphs; tables and charts; Venn diagrams; map skills; group problem solving; multistep word problems; ratios
Statistics and Graphs	Pictograph; bar graph; tallies	Pictograph; bar graph; tallies	Pictograph; bar graph; coordinate graph; line graph; circle graph; tables; charts; tallies	Bar graph; pictograph; line graph; coordinate graph; tables and charts; tallies	Pictograph; bar, line, circle, and coordinate graphs; tables and charts; tallies; survey; frequency table; average; mode	Single, double bar, and line graphs; pictograph; circle and coordinate graphs; tables and charts; tallies; survey; frequency table; average; mode; range; median	Single, double bar, and line graphs; pictograph; circle and four-quadrant coordinate graphs; tables and charts; tallies; survey; frequency table; mean; mode; range; median
Calculators	Digital numbers; make numbers; count up, count back; addition; subtraction	Make numbers; count up, count back; addition; subtraction	Addition; subtraction; place value; money	Addition; subtraction; multiplication; division; magic squares; palindromes	Addition; subtraction; multiplication; division; memory; magic squares; multiple operations; word problems	Addition; subtraction; multiplication; division; memory; multiple operations; word problems	Addition; subtraction; multiplication; division; memory; multiple operations; word problems
Computer				Addition; subtraction; multiplication; division; flow chart; FOR/NEXT statements; associativity	Addition; subtraction; multiplication; division; flow chart; GO TO, INPUT/OUTPUT statements; variables	Addition; subtraction; multiplication; division; associativity; flow chart; GO TO, INPUT/OUTPUT, FOR/NEXT, IF/THEN statements; perimeter; area	Addition; subtraction; multiplication; division; comparisons; flow chart; READ/DATA, IF/THEN, REM statements; variables

Grade 7*Fundamentals of Math*

Whole numbers: place value; comparing and ordering; estimating; operations with whole numbers; multiplication patterns; exponents

Decimals: place value; comparing and ordering; estimating; operations with decimals; multiplying and dividing by powers of ten; scientific notation

Geometry: basic figures; angles; perpendicular and parallel lines; polygons; circles; congruent figures; constructing segments and angles

Number theory: divisibility; factors; prime and composite numbers; greatest common factor; least common multiple

Fractions: equivalent fractions; mixed numbers; comparing and ordering; estimating; fractions and decimals

Equations: order of operations; variables and expressions; solving basic equations; solving two-step equations

Ratio, proportion, and percent: solving proportions; ratios and percents; percents and decimals; percents and fractions

Using percent: finding a percent of a number; sales tax; discount and sale price; finding the percent; percent of change; interest; finding the total number; commission

Integers: comparing and ordering; operations with integers; solving integer equations; the coordinate plane

Perimeter, area, and volume: perimeter; finding the area of rectangles, squares, parallelograms, triangles, and circles; circumference; surface area of prisms and pyramids; volume of prisms

Measurement: metric units of length, capacity, and mass; renaming metric units of length; customary units of length, capacity, and weight; time zones; temperature; precision

Sets and statistics: sets; subsets; union and intersection of sets; finite and infinite sets; range and mode; mean and median; bar graphs; line graphs

Grades 7–8*Pre-Algebra*

Expressions and equations: evaluating algebraic expressions; order of operations; simplifying algebraic expressions; solving whole number equations; estimating

Decimals: place value; rounding; operations with decimals; metric system; conversions; solving decimal equations

Integers: operations with integers; solving integer equations

Number theory: divisibility tests; prime and composite numbers; prime factorization; greatest common factor; least common multiple

Rational numbers: equivalent fractions; improper fractions and mixed numbers; comparing and ordering; operations with rational numbers; solving rational number equations; writing numbers in scientific notation

Equations and inequalities: multiple operations; simplifying with the distributive property; variables on both sides; solving inequalities

Ratio, proportion, and percent: solving proportions; scale drawing and proportion; percent and fractions; percent and decimals; percent greater than 100 or less than 1 percent

Using percent: finding a percent of a number; finding the percent; finding the number; percent of increase or decrease; discount, sale price, and commission

Geometry: basic geometric figures; angles and angle measures; intersecting lines; parallel lines; circles and circumference; congruent triangles; geometric constructions

Area and volume: area of rectangles, parallelograms, triangles, trapezoids, and circles; surface area; volume of prisms, cylinders, pyramids, and cones

Statistics and probability: mean, median, and mode; graphing data; histograms; multiplication principle of counting; permutations; probability; mutually exclusive events; independent and dependent events

Square roots and special triangles: solving equations using squares and square roots; the Pythagorean theorem; similar triangles; special right triangles; trigonometric ratios

Graphing and functions: graphing on the coordinate plane; relations and functions; graphing linear equations; slope; direct and inverse variation; graphing systems of equations

Grades 8–10*Algebra 1 (2nd ed.)*

Integers: number lines; absolute values; operations; exponents; factors

Real numbers: operations; order of operations; grouping; roots; sets

Language of algebra: variables; word phrases; negative exponents; evaluating expressions; like terms; parentheses; formulas; properties of equality; word sentences

Solving equations: linear equations; word problems; absolute value equations

Solving inequalities: properties; solutions; compounds; absolute values; word problems

Relations, functions, and graphs: graphs; lines; slopes; equations of lines; direct variations; linear inequalities

Systems: graphing; substitution; addition method; word problems; inequalities

Polynomials: classification; evaluation; operations

Factoring: common factors; difference of squares; trinomials

Radicals: simplifying; operations; Pythagorean theorem; distance formula; radical equations

Quadratic equations: factoring; square roots; completing the square; quadratic formula; word problems

Rational expressions: simplifying; operations; complex rational expressions

Rational equations: solving equations; word problems; literal equations

Quadratic functions: parabolas; zeros of a function; word problems

(Each chapter also has a feature on probability and statistics.)

Secondary

Grades 9–11

Geometry (3rd ed.)

Incidence geometry: sets; definitions; incidence theorems; sketches and constructions
Subsets of lines, planes, and space: betweenness; curves; circles; polygons; polyhedra
Segment measures: real number properties; segment measures and bisectors; perimeter; circumference; polygons; constructions
Angle measures: inequality properties; angle measure and bisectors; polygons; angle constructions
Preparing for proofs: statements; quantifiers; truth tables; proof types; deduction
Congruence: segments; angles; polygons; parallel lines cut by transversal; postulates; triangles
Polygons: right triangles; exterior angles; triangle inequality; parallelograms; constructions
Area: postulates; polygons; Pythagorean theorem; regular polygons; circles; surface area formulas
Circles: chords; tangents; arcs; inscribed angles; sectors; constructions
Space: perspective; separation; perpendiculars; parallels; polyhedra; spheres; earth; non-Euclidean geometry
Volume: postulates; prisms; cylinders; pyramids; cones; polyhedra; spheres
Transformations: reflections; translations; rotations; dilations; invariants; applications; symmetry
Similarity: triangles; right triangles; proportions; problem solving; chords and tangents of circles; golden ratio
Trigonometry: ratios; special triangles; solving right triangles; identities; applications; regular polygons
 (Each chapter also has a feature on analytic geometry.)

Grades 10–12

Algebra 2 (2nd ed.)

Operations: real numbers; polynomial operations; factoring
Linear equations: solving equations and inequalities; absolute value equations and inequalities; distances on number lines; word problems; compound inequalities
Linear relations: line graphs; functions; slopes; special functions; operations on functions; linear inequalities; distances and midpoints
Quadratic equations: factoring; completing the square; quadratic formula; problem solving; quadratic inequalities
Polynomial relations: quadratic functions; translations; problem solving; quadratic inequalities; zeros of a function; remainder and factor theorems; graphing polynomial functions
Systems: graphing; substitution; addition method; problem solving; systems of inequalities; linear programming; systems of three variables
Radical and exponential functions: simplification; operations; equations; functions
Complex numbers: operations; solutions to quadratic equations; graphs; vectors
Rational expressions: simplifying; operations; functions; equations; variations; work problems
Trigonometry: right triangle trigonometry; problem solving; special triangles; radians; functions and graphs; amplitude and period
Identities: Law of Sines; Law of Cosines; problem solving; proving identities; trigonometric equations
Inverse functions: inverse trigonometric functions; logarithms; problem solving
Probability and statistics: permutations; combinations; binomial theorem; laws of probability; descriptive statistics; standard normal distribution
Analytical geometry: circles; parabolas; ellipses; hyperbolas; systems of Quadratic Relations
 (Each chapter begins with an application from real data correlated to that chapter. Sports, health, nutrition, politics, highway safety, and astronomy provide some of the data sources. Throughout the chapter, statistical analyses will optionally be applied to the data with mathematical technology. Each chapter also has a feature on matrix algebra.)

Grades 11–12

Consumer Math (2nd ed.)

Math Skills: fractions, decimals, integers; problem solving using proportions and percent; solving linear equations; negative exponents prepare for finance formulas.
Measurement: Customary and SI (metric) units; conversion within and between systems using dimensional analysis; perimeter, circumference, area, volume and capacity
Income: calculating hours worked from clock times, gross pay including overtime; payroll deductions including FICA and federal withholding; buying and selling stocks and bonds including brokerage fees
Budgeting: a standardized budget; an annual budget; reducing annual budget to monthly or weekly; emergency adjustments; revising the annual budget
Banking: checking accounts and deposits; overdraft penalties and protection; service charges; reconciling a bank statement; simple interest; compounding interest; interest on savings using the minimum balance or daily interest methods; effective interest rate; savings programs with regular deposits
Borrowing: simple interest loans; add-on loans and annual percentage rate; discount loans; amortized loans; how credit cards work; interest is calculated and payments are applied to credit accounts.
Transportation: calculating the finance charge and monthly payment for a new car; depreciation; leasing costs including residual value, mileage penalty; car insurance; cost of gas, oil and tires; scheduled maintenance and repair costs
Food: store specials and coupons; unit prices; calculating freezer payback periods; consumer price index; calorie counting; finding the calories expended in activities
Clothing: planning for seasonal buying; calculating discounts including multiple ones; filling out catalog orders; internet buying tips; savings from making clothing; retail marketing of clothing, returns, net profit and gross profit margin; markup rate and breakeven point for retailer
Housing: renting; buying a house including down payments, closing costs, points and monthly payments; owner's equity; building a house including converting dimensions to scale for a set of plans; finding the area of rectangular lots in acres; calculating the amount of shingles needed from a house plan, allowing for pitched roofs
Maintaining a Home: real estate tax based on millage rates; homeowner's insurance; calculating utility charges for electricity, gas, water and sewer, residential and cell phone usage; costing house repairs, maintenance, and home improvements
Life and Health Insurance: mortality tables; term, whole-life and universal life insurance; health insurance including payout of benefits; social security retirement benefits
Income Taxes: general principles of calculating federal income taxes; 1040EZ, 1040A, and 1040 including extra schedules A and B and Form 2441 for child care benefits
Vacations: costs of food and lodging; cost of transportation; getting around at the site; travel times across time zones; economizing admissions

Grades 11–12

Precalculus

Trigonometry: reference angles; Law of Sines; Law of Cosines
Polynomials: linear, quadratic, and polynomial functions; factoring higher degree polynomials; zeros; graphing
Functions: power; exponential; piece; periodic; trigonometric; reciprocal; rational
Inverse functions: increasing and decreasing functions; checking and finding inverses; radical functions; inverse trigonometric; logarithms
Equations: polynomial; rational; radical; logarithmic; exponential; identities; trigonometric equations
Conic sections and polar graphs: circles; ellipses; parabolas; hyperbolas; variation; polar coordinates; polar equations
Complex numbers: graphs; polar form; powers and roots; vectors; dot products; applications
Matrix algebra: Gaussian elimination; determinants; Cramer's rule; inverses
Statistics: central tendency; variability; bell curve; linear correlation; hypothesis testing
Sequences: recursive and explicit formulas; arithmetic and geometric sequences; mathematical induction; summation
Limits and calculus: limits of sequences; series; limits of functions; continuous functions; asymptotes; limit theorems
Differential calculus: definition; graphs, properties; chain rule; quotient rule; motion applications

	Grade 1 <i>(2nd ed.)</i>	Grade 2 <i>(2nd ed.)</i>	Grade 3 <i>(2nd ed.)</i>
EARTH SCIENCE			
Earth	Air: temperature; movement; evaporation; condensation; precipitation; clouds Weather: temperature; movement of air; four forms of precipitation; weatherman; thermometer; recording weather observations	History of the earth: theories; fossils A round earth: shape; people; in space; gravity Layers of the earth: volcanoes; earthquakes; crust; center Ocean shorelines: shorelines; beaches; sand	Minerals: crystals; properties; uses; precious metals Rocks: formation of igneous, sedimentary, and metamorphic Soil: formation; weathering
Space	Sun, moon, and stars: parts of the sun; path of the sun; shape of the moon; constellations	How the earth moves: day and night; time zones; seasons; revolving	Solar system: the inner planets; outer planets; asteroids and comets; meteors
LIFE SCIENCE			
Living Things	Roots, stems, and leaves: parts for growing, grouping, and eating Flowers, fruits, and seeds: making new plants; flower groups; fruit and seeds; parts for eating Animals: tame animals; livestock; wild animals in the woods and in zoos	Plants: annuals; biennials; perennials; gardening Living and nonliving organisms: moving; non-moving; need food, water, and air; environment; behaviors; reproduction; growth Habitats: environment; biomes; effects of wind and water; communities; population	Birds: characteristics; tools for observation; identifying Cells, tissues, and organs: living things; microscopes; cell structure; plant and animal tissues and organs Plants: making and storing food; the green factories; helpful plants Grouping animals: backbone and no backbone; warm-blooded and cold-blooded; plant-eating and animal-eating
Human Body	Senses: seeing; touching; tasting; smelling; hearing Teeth: parts of teeth; two sets of teeth; shapes, jobs, and care of teeth	Bones: bones and cartilage; shapes; joints; skeleton Muscles: names; structures; in relation to bones, food, and blood	Skin: layers; glands; fingerprints; dermis; care of skin, hair, and nails
PHYSICAL SCIENCE			
Motion	Pushes and pulls (forces): gravity; magnetic force; mechanical force; friction	Forces: gravity; magnetic force; mechanical force; friction; laws of motion	Work: forces; force • distance = work; power; people, horses, engines, moving air, and moving water do work
Energy	Heat: melting and freezing; vaporizing and condensing; temperature changes Sound: vibration; travels in all directions and through gas, liquid, and solid; how sound is used	Light and shadows: light sources; light travels; transparent; translucent; opaque; shadows	Sound (ear): travels in waves; absorbed or reflected; through gas, liquid, and solid; parts of the ear; hearing; pitch; loudness; quality
Matter	Matter: takes up space; can be weighed; in solid form; in liquid and gas forms	Measuring length: units; standard units (inch, foot, yard, centimeter, meter); classifying; identifying	Mass and weight: defining; historic weights; ounces; grams; standard/customary measures; metric system; springs; balances

Process Skills in Science

(Grades 1–6)

- Hypothesizing
- Predicting
- Measuring and using numbers
- Experimenting
- Making and using models
- Observing
- Inferring
- Classifying
- Identifying and controlling variables
- Collecting, recording, and interpreting data
- Communicating
- Defining operationally

Elementary

	Grade 4 <i>(2nd ed.)</i>	Grade 5 <i>(3rd ed.)</i>	Grade 6 <i>(3rd ed.)</i>	
EARTH SCIENCE Earth	<p>Weathering: mechanical, chemical, humus, top-soil, subsoil, bedrock</p> <p>Mass-wasting: creep, landslide, avalanche</p> <p>Erosion: water, splash erosion, sheet erosion, gully, rill, valleys, gorges, delta, flood plain, wave-cut cliff, stack, spit, hook, barrier islands, tombolo, glacier, cirque, fjord, till, wind, blowout, conservation, prevention</p>	<p>Layers of the earth: characteristics of the core, mantle, and crust</p> <p>Soil: weathering; erosion; how soil is formed</p> <p>Minerals: characteristics of minerals; uses of gems, metals, and other minerals; mining</p> <p>Rocks: formation of igneous, sedimentary, and metamorphic rocks</p> <p>Fossils: contrasting Creation and evolution; Genesis Flood; fossil formation; excavating and restoring fossils; dating and interpreting fossils</p> <p>Layers of the atmosphere: characteristics of the troposphere, stratosphere, mesosphere, thermosphere, exosphere, and ozone layer</p> <p>Weather: air; air pressure; temperature; air masses and fronts; winds; precipitation; clouds; storms; tornadoes; hurricanes; weather instruments; reading weather maps</p>	<p>Earthquakes: faults, causes, recording and interpreting data from earthquakes</p> <p>Volcanoes: causes, locations of volcanoes, classifying volcanoes by shape and eruption, effects and products of volcanoes</p> <p>Weathering: types and examples of mechanical and chemical weathering</p> <p>Soil: particles and texture of soil, how soil is formed, horizons</p> <p>Erosion: agents of erosion, mass movements, stream erosion, wave and wind erosion, ice erosion</p> <p>Natural resources: renewable and nonrenewable energy resources (fossil fuels, nuclear energy, hydroelectric energy, geothermal energy, wind energy, solar energy), minerals, metals, soil conservation, water, reduce, reuse, recycle</p>	
	Space	<p>History of the moon: theories, age, activity, dust, distance, purpose, light, movement, calendar, end</p> <p>Moon features: structure, surface, size, mass, gravity, shape, distance, temperatures, motions, phases</p>	<p>Space technology: space capsule; space shuttle</p>	<p>Stars: magnitude, colors, sizes, distances between, kinds of stars, constellations, telescopes, spectroscopes, star groups, asteroids, meteoroids, comets</p> <p>Solar system: parts of the Sun, solar storms, seasons, inner planets, outer planets, eclipses, space exploration, satellites, probes</p>
LIFE SCIENCE Living Things	<p>Insects, arachnids, and myriapods: Insect orders (grasshopper, dragonfly, aphid, bug, moth and butterfly, beetle, fly and mosquito, bee and ant, flea); arachnids; myriapods</p> <p>Plants: classification, botanist, fungi, molds, algae, mosses and liverworts, ferns, conifers, seeds, deciduous, flowering and fruit-producing plants, monocotyledons, dicotyledons</p> <p>Animal defenses: camouflage, weapons, protective coverings, special defenses, tactics</p> <p>Trees: classifying by leaf, simple and compound leaves, pinnate and palmate leaves</p>	<p>Dinosaurs: learning about dinosaurs from fossils; extinction</p> <p>Biomes: plant and animal life in the tundra, coniferous forest, deciduous forest, grasslands, desert, tropical rainforest, mountains, marine and freshwater biomes, and wetlands</p> <p>Ecosystems: environment; population; habitat; food chains; food webs; predator and prey; energy pyramids; competition; adaptation; migration; hibernation; symbiosis; instincts; learned behaviors; cycles (seasons, carbon, nitrogen, water); stresses (fires, floods, droughts, man-made); succession; native and invasive species; extinction; endangered species</p>	<p>Cells and classification: characteristics of living things, cell theory, microscopes, parts of a cell, tissues, organs, systems, cell reproduction, six kingdoms of classification, scientific names</p> <p>Animal Classification: Invertebrates (Porifera, Cnidaria, echinoderms, mollusks, worms, arthropods), Vertebrates (fish, amphibians, reptiles, birds, mammals)</p> <p>Plant Classification: nonvascular plants (mosses and liverworts), seedless vascular (ferns, horsetails, and club mosses), gymnosperms, angiosperms, parts of a plant</p> <p>Reproduction (plant and animal): parts of a flower, pollination and fertilization, types of fruit, seeds, spore reproduction, asexual reproduction, gestation, placental and marsupial mammals, eggs, parental care</p> <p>Genetics: Heredity, traits, DNA structure, Mendel's experiments, dominant and recessive genes, Punnett squares, genetic disorders and diseases, genetic engineering</p>	
	Human Body	<p>Digestion: mouth, saliva, ptyalin, taste buds, cavities, throat, pharynx, esophagus, sphincter, peristalsis, stomach, pepsin, ulcer, intestines, villi, pancreas, insulin, diabetes mellitus, liver, bile, taste</p>	<p>Respiratory system: inhaling; exhaling; breathing muscles; the nose; pharynx; larynx; vocal cords; trachea; bronchi; lungs; asthma and other breathing difficulties; dangers of smoking</p> <p>Circulatory system: heart; arteries; veins; capillaries; blood cells; blood types; donating blood; excretory system</p>	<p>Nervous system: central nervous system, the brain, the peripheral nervous system, neurons, reflexes, the five senses, memory, sleep disorders, drugs, endocrine system</p> <p>Immune system: communicable and noncommunicable diseases, pathogens, vectors, epidemics, epidemiology, nonspecific responses, the immune response, functions of white blood cells, immunity, antibiotics, antibodies, autoimmune diseases, allergies, transfusions and transplants, immune deficiencies</p>
PHYSICAL SCIENCE Motion	<p>Machines: work, simple machines, inclined planes, pulleys, wheels, axles, levers, fulcrum, wedges, screws</p>		<p>Motion and machines: velocity, acceleration, momentum, Newton's laws of motion, work, three classes of levers, pulleys, wheel and axle, inclined plane, wedges, screws, compound machines</p>	
	Energy	<p>Electricity: static and current; circuit, generator, electromagnets</p> <p>Light: radiant energy, source, seeing light (eye), color, spectrum reflection, mirrors</p>	<p>Heat: potential and kinetic energy; thermal energy; temperature; changing states of matter; thermal expansion; conduction; convection; radiation; fuel; unwanted heat</p> <p>Sound: sound waves; frequency; speed; pitch; volume; timbre; echoes; ultrasound; music; acoustics</p> <p>Light: electromagnetic waves; properties of waves; visible spectrum; refraction; reflection; colors; mirrors; lasers; electromagnetic spectrum</p>	<p>Electricity: static and current electricity, types of circuits, measuring electricity, batteries, magnetism, electronics, integrated circuits, computers</p>
	Matter	<p>Length, area, and volume: measurement, metric, area calculation, square units, volume calculation, cubic units</p>	<p>Measuring matter: volume; mass; weight; density states of matter: solids, liquids, and gases</p> <p>Physical changes: melting; freezing; vaporization; boiling; evaporation; condensation</p> <p>Atoms and molecules: identifying atoms, molecules, elements, and compounds</p> <p>Mixtures: evenly and unevenly mixed mixtures; characteristics of solutions</p>	<p>Chemistry: parts of an atom, atomic theory, classifying elements, periodic table of the elements, compounds, chemical formulas, chemical reactions, atomic bonding, acids and bases</p>

Grade 7

Life Science (3rd ed.)

Foundations of Life Science: definition of science, limitations of science, the Dominion Mandate, the scientific method, classification of organisms, characteristics of life, cell theory, structure and function of cells, cellular respiration, photosynthesis

Genetics: genes and cell division, asexual and sexual reproduction, DNA replication, RNA transcription, Mendelian genetics, genetic crosses, variations on simple genetics, gene mutations, chromosomal changes, applied genetics

Origins: Creationism, evolutionism, literal view, alternate views of Creation, the Flood, fossils, dinosaurs, various theories of evolution, mutations and evolution

Microbiology: bacteria, bacterial reproduction, viruses, viral diseases, protozoa, algae, fungi

Botany: plant structure, plant classification and life cycle variations, water and gas exchange, growth and hormones, responses to the environment, flower structure and reproduction, seed dispersal, asexual propagation

Zoology: sponges, jellyfish, coral, flatworms, roundworms, earthworms, mollusks, arthropods, echinoderms, basic vertebrate structure and systems, fish, amphibians, metamorphosis, reptiles, endotherms, ectotherms, birds, mammal classification, animal instincts and behavior, external and internal fertilization, egg structure and development, placental reproduction

Ecology: ecosystems, abiotic factors, water cycle, succession, populations, carbon and oxygen cycles, natural rhythms, food chains, food webs, ecological pyramids, organism relationships, competition, camouflage, natural resources, agriculture, game management, endangered species, extinction, human population changes, conservation, pollution

Human Anatomy and Physiology: skin, burns, skeletal system, fractures, muscular system, homeostasis, blood vessels, heart, circulation, blood components, blood clotting, immune system, allergies, organ transplants, excretory system, respiratory system, metabolism, smoking, breathing, digestive system, teeth, chemical digestion, nervous system, reflexes, brain anatomy, psychoactive drugs, sense organs, endocrine system, hormones, puberty

Grade 8

Space and Earth Science (3rd ed.)

A Framework for Earth Science: philosophy of science, contrasting biblical and naturalistic frameworks for science; limitations of science; the authority of the Bible and world-view development; a young-earth creationary worldview; overview of earth sciences; how worldview defines scientific theories; evidences for various motions of the earth

The Celestial Sphere: stars, constellations, galaxies, black holes, and quasars; telescopes and other astronomical instruments; features of the sun, the sun's structure, and solar energy; planetary properties, comparing the nine planets, descriptions of the planets; origin theories of the solar system; asteroids, comets, meteors, their origins, ultimate fates; description of the earth's moon, its motions, solar and lunar eclipses, and theories for the moon's origin; history of space exploration, space programs, space stations, reasons for manned space missions, future of space exploration

The Atmosphere: structure, energy in the atmosphere, measurable conditions in the atmosphere; water entering the atmosphere, humidity and clouds, precipitation, dew, frost; air mass formation, movement and weather; global and local winds; origin of winds; thunderstorms, tornadoes, and hurricanes; simple and complex weather instruments, weather data reporting systems, weather data analysis and prediction

The Lithosphere: the earth's interior structure, and the earth's history from creationary and evolutionary perspectives; minerals and ores, basic chemical descriptions, and identifying minerals; descriptions and occurrences of native minerals; sedimentary, igneous, and metamorphic rocks; fossils and sedimentary rocks; creationary and uniformitarian rock cycles; the uniformitarian geologic column; fossil fuels; describing mountains, types of mountains and their formation; earthquakes, where and how they occur, how they are measured and located; kinds of volcanoes, their emissions, their structures, and their locations; hydrothermal fluids, types of hydrothermal minerals, harnessing geothermal energy; weathering, soils, mass wasting, and stream erosion

The Hydrosphere: composition of seawater—tides, waves, and currents; beach erosion; seafloor topography; ocean exploration; formation and movement of glaciers, types of glaciers, glacial erosion and deposition; the ice age; the ground water system; the water cycle, the storage and movement of ground water; erosion by ground water; caves and Karst topography

Grade 9

Physical World (2nd ed.)

A Philosophy of Science: Pure and applied science, and the relationship between science and technology; compares evolutionism and creationism and the biases of each; scientific statements found in Scripture; science and the Christian; scientific method and controlled experiments; theories and laws; limitations of science

A Description of Matter: Measuring matter and the use of metric units, significant digits, and scientific notation; measuring mass, volume, and density; classifying matter by structure and physical state; dependency of physical state on temperature; physical and chemical properties, and physical and chemical changes; atoms and molecules, elements and compounds, and mixtures; element symbols and compound formulas

Atomic Theory and Structure: History of the atomic model; nuclear structure and reactions; development of the periodic table; electron structure; description of the arrangement of the periodic table including periodic trends; chemical bonding theory and electronegativity; characteristics of ionic, covalent, and metallic bonds, including their atomic structures

Chemical Applications: Naming compounds and writing formulas; oxidation numbers; writing and using chemical equations; chemical reactions; homogeneous and heterogeneous mixtures; water and the solution process; factors affecting solubility; solution concentration and its effects; acids, bases, and salts, and their properties; the pH scale and measuring pH

Physics in Action: Energy and linear momentum and their conservation; kinematics and dynamics; Newton's three laws of motion; universal gravitation, gravity, and free fall; mechanical work and the law of moments; levers and other simple machines, including the wheel and axle, pulleys, and inclined planes; power as the rate of work; fluid properties; fluid mechanics, including basic hydraulic theory; Boyle's and Charles's gas laws

Wave and Particle Motion: Thermal energy and the kinetic-molecular theory; temperature, thermal energy, and heat transfer mechanisms; specific heat and thermal expansion; electrostatics; current electricity; Ohm's law; magnetism, magnetic materials, and fields; geomagnetism; electricity and magnetism; sound waves and their properties; sound phenomena; using sound in musical instruments, sonar, and ultrasound; speed and characteristics of light waves; the electromagnetic spectrum; the visible spectrum; light refraction and reflection

Applied Sciences

Grades 11–12

*Family Life Skills
(2nd ed.)*

Christian responsibilities in the family; Christlike personal development; social relationships; child development through preschool; exceptional children; personal finance; jobs and income; aging; families around the world

Grades 7–12

Health

Basic health facts and anatomy; biblical view of mental and emotional health; social relationships; nutrition; exercise; safety; first aid; diseases; personal hygiene; environment and health; drugs; alcohol; tobacco; growth and development; careers in health

Science

Secondary

Grade 10

Biology (3rd ed.)

Science of Life: God and science, truth, scientific method, limits of science, attributes of life, study of life, basic chemistry, organic chemistry, cell structure, living state of cells, cellular respiration, photosynthesis, metabolism and protein synthesis, mitosis, meiosis, basic genetics, genetic crosses, chromosome and gene changes, gene action, gene mutations, Christian approach to biotechnology, cloning, stem cells research, genetically modified crops, philosophy of evolution, biological evolution, biblical Creationism, Noah's ark, age of the earth

Science of Organisms: Classification of organisms, use of dichotomous keys, definition of species and kind, bacteria, viruses and related organisms, control of bacteria, human diseases and disorders, disease control, aging and death, protozoans, algae, fungi, plant classification, plant anatomy, plant physiology, plant reproduction, sponges, cnidarians, worms, mollusks, echinoderms, arthropods, vertebrate behavior, fish, amphibians, reptiles, birds, mammals, ecology, biomes, Dominion Mandate

Study of Human Life: Integumentary, skeletal, muscular, respiratory, digestive, circulatory, lymphatic, excretory, nervous, endocrine and reproductive systems; nutrition; drugs and alcohol; human relationships

Grade 11

Chemistry (2nd ed.)

Reasons for investigating the mysteries of God's creation: vocational preparation; expanded Christian witness; enhanced appreciation of God

Scientific fundamentals: definition of science; methods of science

Science of matter: a brief history of chemistry; composition of matter; conservation of energy

Measurement of matter: reporting measurements; organized problem solving; applying mathematical concepts
Structure of atoms: the atomic model; arrangement of electrons

Periodic properties: the periodic table; periodic functions

Chemical Bonds: ionic and covalent bonds, polyatomic ions, quantum model, molecular shapes.

Chemical composition: oxidation numbers; nomenclature

Chemical equations: types of reactions; stoichiometry

States of matter: gases; solids; liquids; plasma; changes in state

Water solution: concentration; colligative properties; colloids and suspensions

Thermodynamics and kinetics: direction and energy change; mechanisms for reaction

Chemical equilibrium: reversible reactions; irreversible reactions; applications for equilibrium chemistry

Acids, bases, and salts: properties; nomenclature; neutralization

Oxidation-reduction: electron transfer; balancing redox numbers; electrochemical reaction

Organic chemistry: hydrocarbon chains; preparations and reactions

Biochemistry: the infinite wisdom of God; ethics and morals; carbohydrates; proteins and amino acids; cellular processes

Nuclear chemistry: natural radioactivity; induced radioactivity

Grade 12

Physics (2nd ed.)

A Framework: Philosophy of science, contrasting biblical and naturalistic frameworks for science; brief history of science, discussing reasons for the recent shift to a naturalistic framework; science methodology and limitations of science; overview of physics; metric (SI) system of measurement and 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); motion in a plane, including circular motion; motion of multi-body 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; electrical safety; 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 relativity, special relativity, and general relativity; Quantum Physics: quantum theory, quantum mechanics and the atom, and modern atomic models; Nuclear Physics: radiation and radioactivity, radioactive decay, nuclear reactions, and elementary particles

Foreign Languages

Elementary

Grades 1–6

Elementary Spanish

Five Cs of the national foreign language standards (ACTFL)

- **Communication:** Presents over 250 Spanish words and phrases in context, numbers to 100, develops listening-comprehension skills through read-aloud books, provides conversations and total physical response commands by native speakers for listening and modeling, leads student to move, point, color, and write through a variety of worktext activities
- **Cultures:** Introduces cultural aspects of eight Spanish-speaking countries
- **Connections:** Integrates interdisciplinary connections such as science, math, music, and drama; offers practice in grammar, vocabulary, and pronunciation through Bible songs, verses, and Bible truths
- **Comparisons:** Provides an opportunity to compare Hispanic culture with the students' own culture through recipes, music, and additional theme-related cultural information
- **Communities:** Arouses interest in missionary work, suggests community outreach activities, encourages parent participation with vocabulary flashcards

Grades 9–12

French 1

The curriculum uses a functional approach that cultivates the student's ability to both understand and communicate in spoken and written French:

- greeting and leave-taking
- asking and answering simple questions
- expressing simple feelings and opinions
- using numbers in everyday contexts
- giving and following directions
- ordering food in a restaurant
- narrating and describing in the present tense
- relating past events
- relating future plans and events
- giving the gospel message in a simple manner

French 1 is divided into seventeen chapters plus one review chapter. Each chapter includes vocabulary, dialogue, grammar, pronunciation, and culture sections. The grammar sections teach gender, number, and subject-verb agreement; present, *passé composé*, and future tenses; possession, negation, and direct and indirect object pronouns. Chapter topics include: making acquaintances, family, housing and furnishings, going to town, shopping, going to a restaurant, weather, writing letters, the doctor's office, school, witnessing, sports and hobbies, the countryside, and the train station.

Grades 10–12

French 2

The curriculum continues to use the functional approach. While improving listening and reading skills, it refines grammar points and expands vocabulary to help the student communicate more precisely:

- narrating in present, past, and future tenses
- describing people and personalities
- naming and locating geographical places
- discussing sports and wars
- giving advice and making suggestions
- praying and witnessing in French
- using checks and bank accounts
- reading and understanding a French menu

French 2 is divided into seventeen chapters plus one review chapter. Each chapter includes a listening text, grammar with exercises, oral communication, and reading text. Oral and reading comprehension exercises are based on classic literature and cultural articles. Grammar exercises focus on reflexive verbs, direct and indirect pronouns, the subjunctive mood, and future, *passé composé*, imperfect, conditional, and pluperfect tenses. Chapter topics include: animals, people and personalities, clothing and jewelry, the francophone world, numbers, weather, sports, French cuisine, promises and advice, war, education, opinions and judgments, witnessing for Christ, narration, money and banks, cars and traffic, and drama.

Grades 9–12

Latin 1

The curriculum blends inductive and deductive teaching.

- The format is conversational.
- Understanding precedes memorization.
- Context derivatives are used to teach vocabulary.
- English borrowings from Latin are emphasized: derivatives and loan phrases.
- The declension and conjugation formats are traditional.
- "Real" Latin is introduced early and used throughout. This includes quotations from famous Roman writers and Latin translations of Scripture.
- Roman history is presented chronologically: kingdom, republic, empire.

The text contains twenty-three chapters, including vocabulary, grammar, historical information, derivatives and loan words, and one or more paragraphs in Latin. At the conclusion of each chapter is a summary section called "Essential Information," which helps to prepare the student for the chapter test.

The Activity Manual contains extensive practice for all the concepts taught.

Grades 9–12

Latin 2

This second-year Latin text contains twenty-eight chapters and covers an overall view of Roman history through excerpts of Roman authors. Julius Caesar's writings provide much of the information, and there are other authors, including Cicero.

The beginning lessons are a review of Latin 1. Then the subjunctive mood is introduced and compared to the indicative. As the lessons progress, more vocabulary and grammar rules are introduced and are seen in the historical writings.

Grades 9–12

Spanish 1 (2nd ed.)

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 twelve chapters. With the exception of the introductory chapter, each chapter is divided into three lessons. Each lesson includes dialogue, 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.

Grades 9–12

Spanish 2 (2nd ed.)

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 courtesies
- witnessing

The twelve chapters are divided into three lessons each and include a dialogue or reading, vocabulary, grammar, and a memory verse. 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.

Grades 11–12

Spanish 3

This textbook contains twelve chapters that are divided into three lessons each and include letters, tips, cultural facts, Scripture verses, and stories from missionaries. It develops grammar concepts, vocabulary, and questions for oral communications. Students learn to give devotionals, tell Bible stories, follow a recipe, act as a tour guide, make comparisons, and retell events using various verb tenses.

Verb forms reviewed or introduced include the present, stem-changing, imperfect, present perfect, preterite, future, conditional, past perfect, future perfect, conditional perfect, formal and familiar imperatives, and subjunctive moods in both present and past tenses.

Elementary

	K5	Grade 1	Grade 2	Grade 3
Skills	Posture; matching pitch; playing classroom rhythm instruments; identifying slow/fast, high/low, loud/soft, short/long; outlining melodic shapes; composing high/low piece; PROGRAM: The Indians at Big Sky (spring)	Posture, breathing; matching pitch; solfège singing; playing classroom instruments, bottle flutes; identifying crescendo/decrescendo, duple/triple meters, same/different pitches; reading eighth/quarter notes, ties; writing phrases, sound effects piece; PROGRAM: A Tale of Peter Rabbit (obedience)	Singing pentatonic songs with solfège; vocal tone quality; playing Autoharp, African drums; identifying tempo, sectional forms, timbres; reading do clef, staves, first and second endings, rests, new note values; composing ostinato patterns, lyrics, same/different piece; melody for a poem; PROGRAM: Merry Christmas	Solfège singing; singing canons, rounds, descants; guitar/Autoharp chording; playing recorder; following listening charts; reading treble clef, note names, sixteenth-note patterns, standard notation; writing a rondo; PROGRAM: Heroes of Faith (Hebrews 11)
Concepts	Long/short duration; steady pulse; high/low pitches; melodic direction; vertical sound (harmony); loud/soft; fast/slow; unique timbres; organized sound; role of music in building character, in worship, in understanding other works of art	Long/short; pulse; melodic rhythm; eighth/quarter notes; duple/triple meters; high/low pitches; melodic contour; pitch movement by step/leap; simultaneously occurring notes; loud/soft; crescendo/decrescendo; fast/slow; instrumental timbres and ensembles; phrasing; same/different phrases; music may be sacred or secular; approving excellent things	Half/whole notes; meters of 2, 3, 4; large/small intervals; tonic pitch; pentatonic scale; melody with chordal accompaniment; fast/slow/moderate tempos; accel./rit.; legato/staccato; patterns within phrases; sections within larger works; transmitting culture/tradition through music; music in worship	Sixteenth notes; simple syncopation; dotted half note; naming intervals; major/minor tonalities; canons/rounds; harmonic textures; tempo terminology; dynamic gradations; vocal timbres; similar phrases in songs; rondos; making musical choices based on scriptural and musical reasons
	Grade 4	Grade 5	Grade 6	
Skills	Head and chest registers; singing vowels; conducting in 2, 3, 4; solfège singing; playing descants and ostinatos on classroom instruments, guitar strumming patterns, recorder; using listening guides to identify musical elements; reading absolute pitches, solfège, chord symbols, fermatas, accidentals, key signatures; writing “tone color” composition; PROGRAM: Let’s Sing a Song of America (patriotic)	Solfège singing; harmonizing in thirds, sixths; foreign language songs; chording on Autoharp, guitar, keyboard; making, playing Andean siku; playing recorder, snare drum, Latin rhythms; identifying rhythm patterns, articulations; style identification/comparison; reading measures of rests, rehearsal letters, measure repeat signs, D.S., triplets, meter (5/4, 3/2, 2/2); writing ground bass composition; PROGRAM: A Tour of the Americas	Part singing (including cambiata range); vocal improvisation; foreign language songs; use of band/orchestra instruments; I, IV, V7 chording on keyboard; playing Orff instruments; accompanying with guitar/Autoharp; reading treble clef, increasing melodic/rhythmic complexity; composing using Beethoven theme; composing pentatonic and palindrome pieces, opera; PROGRAM: Father’s Prayers: A Story of George Mueller (faith)	
Concepts	Dotted quarter notes; sixteenth note patterns; compound/simple meters; 6/8 meter; analyzing melodic phrases for form; whole/half steps; major scales; modes; adding chords to melody by reading; two-part singing; large ensemble, dulcimer timbres; pizzicato; vibrato; introductions, interludes, codas; concerto grosso; fanfare; transcriptions; sectional forms; musical/artistic elements; style period: Renaissance; folk art; music and U.S. history/culture; Christians in musical careers	Cut time; 3/2, 5/4 meters; triplets; minor scales; modes; major and minor seconds, thirds; adding chords to melody by ear; harmonizing in thirds/sixths by ear; twentieth-century harmonic technique; terms describing tempo changes; articulation: accent, tenuto, tremolo; voice classifications; instrumental genre: ground bass, chaconne, sonata, symphony; vocal genres: songs, musicals, operas, oratorios; sonata-allegro form; music/culture of North/South America; style periods: Middle Ages through twentieth century; musical choices as “balanced diet”	Mixed meters; complex syncopation; 9/8 meter; chromatic scale; perfect intervals; transposition, modulation; relative major and minor keys; bass clef; accompanying with chords; finding chords outlines in melodies; electronic timbres; articulation: rolls; minuet and trio; scherzo; grand and comic opera; aria, recitative, and chorus; repetition, contrast, sequence; music/culture of Europe, Asia, Africa, Australia; music, art, and history; music and worship in historical contexts; music choices based on Scripture and musical principles	

This series seeks to develop music skills that can be used in Christian service and musical appreciation that will enhance Christian living. With each grade level, an entire musical program is included after the lesson plans, complete with script, staging, and many original songs.

Secondary

	The Singer	The Instrumentalist		Appreciating Music	The Composer
		<i>Recorder</i>	<i>Guitar</i>		
Application	junior high and early high school choirs	class or private lessons; general music class; self-directed learning	class or private lessons; general music class; self-directed learning	music appreciation class; general music class; arts/humanities class; supplement to performing groups	music theory class; general music class; supplement to performing groups
Focus	music from the perspective of a singer	music from the perspective of a melody instrument player	music from the perspective of a harmony instrument player	music from the perspective of an informed listener	music from the perspective of a composer
Organization	vocal production, posture, breathing, and diction; music reading skills and conducting patterns; seventeen choral arrangements	progressive method teaching playing and reading skills from beginning to early intermediate levels; covers twenty fingerings and rhythmic reading, including syncopation and sixteenth notes	Progressive method teaching accompanying skills in nine keys using eight strum patterns; introduces bar chords and use of capo; students read chord symbols, fret charts, and tabular notation	thirty-six modules organized into four units: Basic Sound Producers, Elements of Music, Forms of Music, and Historical Perspective	eighteen progressive lessons featuring four separate approaches: Fundamentals, Sightreading, Dictation, and Composing/Performing; each approach can be taught exclusively or in conjunction with any other approach
Concepts & Skills	concepts in note values, solfège, intervals, scale degrees, meter, and range; skills in sight singing, score reading, part reading, and harmonizing	concepts in note values, pitch names, meter, form, scale, phrase, and key; skills in tone production, articulation, phrasing, and sightreading	concepts in chord construction and progression, major/minor tonalities, and meter; skills in accompanying, reading of symbols, tablature, and fret charts	concepts in timbre, melody, rhythm, harmony, expressive controls, form, and musical styles; skill in listening to identify elements	concepts in melody, rhythm, harmony, expressive controls, and compositional forms; skill in sight-reading, writing music, and creating new musical expressions
Special Features	warm-up, rhythm, and solfège exercises; unison, two-, three-, and four-part arrangements with piano accompaniment; glossary of terms; split-track recording of all arrangements; teacher resource materials (TRM) available	photographs and illustrations to introduce holding position and fingerings; glossary of terms; split-track recording of all musical selections; TRM available with teaching ideas and extra music	photographs to introduce holding positions and chord fingerings; split-track recording, including tuning, strum patterns, and song selections; TRM available with twenty-nine extra songs	self-contained lessons to facilitate scheduling; glossary of terms; recording of listening selections; TRM includes lesson plans and listening guides	glossary of terms; recordings that demonstrate sight-reading exercises and present musical dictation; TRM contains answers to all written work

Speech

Secondary

	Grades 9–12 <i>Sound Speech: Public Speaking and Communication Studies</i>	Grades 9–12 <i>Performing Literature: Oral Interpretation and Drama Studies</i>
Approach	The text teaches the student to speak clearly and concisely and to use his speaking skills to honor Christ.	The text provides comprehensive instruction and skill-building activities to enable students to perform dramatic pieces at school or at home and to do so in a Christlike way.
Organization/Contents	The text presents the fundamentals of public speaking from platform presence to persuasion. It features special chapters on choosing topics, researching, organizing, and communicating in the workplace. It provides detailed instruction about the following types of speeches: personal opinion, persuasive, devotional, demonstration, informative, job interviewing, personal experience, declamation, and speaking in special situations.	The text provides comprehensive instruction and skill-building activities through eight fully developed performance projects including Scripture narrative, sonnet, monologue, storytelling, chamber theater, duo acting, radio segment, and a final project.
Features	The text includes grading rubrics for major speeches or projects, worksheets in each chapter, lists of sample topics, and declamation selections.	The text includes grading rubrics for major performances, student worksheets, journal ideas, and appendices containing performance pieces and drama resources.



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