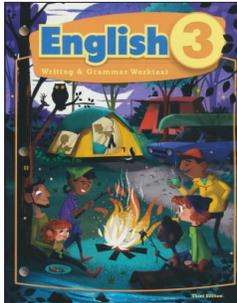


### ENGLISH 3



#### Parts of Speech

Noun: common, proper, singular, plural, possessive, abstract, collective; Verb: action; linking; helping; present, past, and future tenses; irregular verbs; Pronoun: subject, object, possessive, singular, plural, courtesy order; Adjective; Adverb; Preposition.

#### Sentence Structure

Sentence: fragment, run-on sentence, compound sentence; Sentence parts: complete subject, complete predicate, simple subject, simple predicate; Sentence types: declarative, interrogative, imperative, exclamatory; Diagramming; combining sentences; expanding sentences.

#### Conventions

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

#### Usage

Pronoun reference; contractions; subject-verb agreement.

#### Writing Skills & Support

Shared writing; Independent writing; Paragraph development; Writing process: plan, draft, revise, proofread, publish; Writing traits: ideas, organization, voice, word choice, sentence fluency, conventions, presentation; Writing conference with teacher and peer; Graphic organizers: opinion chart, word web, time-order chart, story map, paragraph model, note cards; Checklist for self-assessment; Rubric for summative assessment; Proofreading marks to improve writing and make corrections; Using a thesaurus.

#### Writing Projects

Informative/explanatory: game instructions, research report; Opinion: book review, persuasive essay; Narrative: friendly letter; Poetry: sound poem; Journal and reflection activities.

#### Study & Research Skills

Reference skills: parts of a book, using the library; Non-print sources: internet, electronic catalog, videos; Study skills: taking notes, internet safety, keyword search.

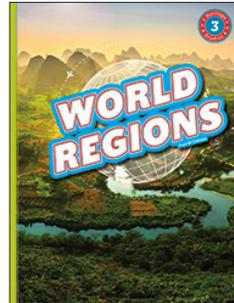
#### Listening, Speaking & Viewing Skills

Listening skills: collaborative discussions, think-pair-share, active listening stories; Speaking skills: reading orally, presenting reports; Viewing skills: visual analysis, image brainstorm; Presentations: oral report with visual display, audio recording, video recording.

#### Biblical Worldview

Communication in relation to Creation, Fall, Redemption using the themes of friendship, authority, work, celebration, and people.

### HISTORY-HERITAGE STUDIES 3



#### Focus

Developing a biblical worldview of geography.

#### Geography

Maps; Earth's physical features; Cultural and economic impacts of human interaction with the environment; Interconnections between world regions; Geographical knowledge-based evaluations and assessments.

#### Government

Capitals; Government types; Leaders.

#### Economics

Industries; Trade; Currencies.

#### History

Exploration and migration; Conflicts; Origins of cultures.

#### Culture

Religions and beliefs; Indigenous customs; Traditional arts; Ethnic food and clothing.

#### Religion

Traditional beliefs; Christianity.

#### Literacy Skills

Classify; Summarize.

#### Social Studies Skill

Map projections.

### MATH 3



#### Number Sense

Recognize and write 0–1,000,000 with numerals and words; Roman numerals I–XIII; Ordinals; first through ninety-ninth; order; number line; 10 more/10 less; place value; ones to hundred thousands; expanded form; even/odd numbers; round to the nearest ten, hundred, one thousand, compare with  $>$  and  $<$ .

#### Counting

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

#### Addition

100 basic facts; fact families; five-digit addends; vertical form; rename 10 ones as 1 ten to 10 one thousands as 1 ten thousand; money; strategies; word problems; Commutative Property, Associative Property, Identity Property.

#### Subtraction

100 basic facts; fact families; five-digit minuend and subtrahend; word problems; rename 1 ten as 10 ones to 1 ten thousand as 10 one thousands; money; word problems; strategies; take-away, comparison; missing addend; Zero Principle.

#### Multiplication

110 basic facts; fact families; multiples; repeated addition; arrays; number line; equation; vertical form; 1 digit factors; 2 to 3 digits by 1 digit; renaming; strategies; word problems; Commutative Property; Associative Property; Identity Property; Zero Property.

#### Division

110 basic facts; fact families; equal sets; repeated subtraction; measurement; partition/strategies; equation; division frame; word problems; 2 and 3 digits by 1 digit; 1-digit remainders.

#### Algebra Readiness

Equation; missing addend; missing factor; negative numbers (temperature); Properties.

#### Fractions

Part of a whole; part of a set; equivalent fractions; compare; order; mixed numbers; add and subtract like fractions.

#### Decimals

Read and write tenths and hundredths; mixed numbers; compare; order; add and subtract; rename 10 tenths as 1 one and 10 hundredths as 1 tenth; word forms; money; word problems.

#### Geometry

Plane figures: circle, polygons, square, triangle, rectangle, pentagon, hexagon, octagon; edge, vertex; slides, flips, turns; Solid figures: sphere, cube, cylinder, cone, rectangular prism, rectangular pyramid; faces; edges; vertices; curved surface; Lines: horizontal/vertical; parallel/intersecting; symmetry; Area; perimeter; patterns.

#### Estimation

Round to nearest ten, hundred, and one thousand; Length; distance; capacity; weight; mass.

#### Measurement

Length:  $\frac{1}{2}$  inch, foot, yard, mile; centimeter, meter, kilometer; Capacity: cup, pint, quart, gallon; milliliter, liter; Weight: ounce, pound; Mass: gram, kilogram; Temperature: Fahrenheit; Celsius; Time: to 1-minute interval; past and future elapsed time to 5-minute interval; before/after the hour; A.M./P.M.; noon/midnight; Calendar: date, future date; schedule; Money: coins; five-dollar bill; ten-dollar bill; dollar sign; decimal point; addition, subtraction.

#### Problem Solving

Word problems; graphs; tables; charts; schedule; map skills; logic; probability; money; multi-step problems; problems with too little information; Problem Solving Plan.

#### Data & Graphs

Bar graph, pictograph; line plot; line graph; coordinate graph; circle graph; tables and charts; tallies.

#### Calculators

Addition; Subtraction.

### READING 3



#### Phonics and Word Recognition

Phonics review, introduction of additional variant spellings; Syllable division: base words/prefixes/suffixes, VC/CV pattern, compound words, prefixes/suffixes, two-syllable words, words ending with -tion, consonants + le, schwa syllables; Service words review.

#### Vocabulary

Meaning from context; Synonyms; Antonyms; Analogies; Compound words; Contractions.

#### Comprehension

Literal, interpretative, critical, appreciative levels; Biblical truth; Sequence, classify, compare and contrast, cause and effect, problem and solution; Make inferences, draw conclusions, predict outcomes; Time/place relationships, relevant information, facts/opinions, main idea; Punctuation, capitalization, abbreviations, comparatives/superlatives, possessives, pronouns, verbs, adverbs, adjectives.

### Literature

Reading a variety of genres: realistic fiction, historical fiction, fantasy, fable, folktale, tall tale, article, Bible account, biography, poetry, play, nonfiction, legend; Main character, character development, motives, traits; Setting, plot, point of view, fanciful elements, conflict, foreshadowing, fanciful elements; Poetry: rhyme, rhythm, onomatopoeia, alliteration, quatrains; Idioms: imagery, personification, metaphor, simile, humor, sarcasm, suspense.

### Study Skills

Book parts: contents, glossary; Encyclopedia, Bible concordance, cross-references, biographical dictionary, newspaper, classified ad; Skimming, scanning, PQ3R study method; Calendar, maps, diagrams, graphs, timeline, schedule.

### Fluency

Silent Reading: read for understanding, specific information, biblical truth, author's message; Oral Reading: communicate message of the author, language-like flow, communicate meaning, mood, portray characters, emotion, respond to punctuation, choral reading.

### Composition

Poetry, simile, rhyming riddles, alliterative phrases; News article, classified ad, personal experience, journal entry, friendly letter, persuasive essay, descriptive paragraph; Story mapping, play writing, tall tale, research writing, decree/law, financial report.

## SCIENCE 3



### Earth-Space Science

Process skills, science tools, scientific method.

#### The Solar System

Solar system (origin, worldviews, gravity, patterns, the sun and other stars, observing stars and planets), inner planets and moons (Mercury, Venus, Earth and Moon, Mars), outer planets (Jupiter, Saturn, Uranus, Neptune), asteroids, dwarf planets.

#### Weather and Climate

Weather: studying weather, weather tools (rain gauge, thermometer, weather vane, anemometer), clouds (stratus, fog, cumulus, cirrus), precipitation (water, cycle, rain, sleet, snow, hail), wind, severe weather (drought, flood, thunderstorm, tornado, hurricane, blizzard), weather warnings; Climate: climate zones (polar, temperate, tropical), climate change (biblical view, different view, possible causes, God's promise).

#### Soil, Rocks, Minerals, and Fossils

Soil: parts of soil, layers of soil (topsoil, subsoil, bedrock), weathering, erosion, conservation; Rocks: sedimentary, igneous,

metamorphic; Minerals: properties (hardness, crystal shape, color), uses of minerals; Fossils: biblical view (how and when fossils formed, extinction, adaptation), evolutionary view (how and when fossils formed, extinction, adaptation), Is evolution true?

### Life Science

Cells, Tissues, Organs, and Systems

Cells: definition, observing, kinds, parts of plant and animal cells (nucleus, cytoplasm, membrane, wall); Tissues: definition, examples (muscle, nerve); Organs: definition, upper body organs; Systems: definition, skin (largest organ of human body), epidermis (fingerprints), dermis (blood vessels, sweat glands, oil glands).

### Plants

Plant life cycle (germination, growth, reproduction, death), photosynthesis (what a plant needs, what a plant produces), uses of plants, plant traits, adaptation (biblical view, evolutionary view)

### Cold-Blooded Animals

Classifying animals (vertebrate, temperature), cold-blooded animals (fish, amphibians, reptiles, insects, spiders), characteristics, features to survive and grow, ways to reproduce, life cycles of cold-blooded animals.

### Warm-Blooded Animals

Warm-blooded animals (birds, mammals), characteristics, features to survive and grow, ways to reproduce, are humans mammals?, taking care of animals, life cycles of animals (birth, growth, reproduction, death), animals and their offspring (same kind, inherited traits, instincts, learned behavior, inherited traits and behavior), studying animals.

### Ecosystems

Living together (population, community, habitat, ecosystem), resources, eating for energy (producer, consumer, decomposer), types of consumers (herbivore, carnivore, omnivore), living together in groups, food chains, food webs, changes in an ecosystem (balance).

### Physical Science

Matter and Sound.

Physical properties (mass, volume, matter), states of matter (solid, liquid, gas), changes in states (solids and liquids, liquids and gases), states of water, physical and chemical changes, serving with matter, sound (vibrations, sound waves, characteristics of sound [pitch, volume, uses])

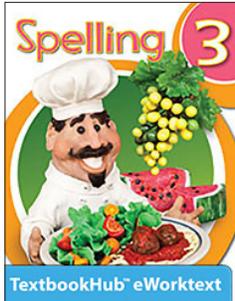
### Forces and Motion

Force: fast, slow, direction, kinds (contact/noncontact forces); Motion: directions, distance, speed, how force affects motion, patterns of motion (observations, predictions, unseen patterns, created patterns), work.

### Electricity and Magnetism

Electricity: electric charges (positive, negative, neutral), static electricity, current electricity; Magnetism: magnets (magnetism, magnetic field, poles), uses of magnets, electromagnets (discovering electromagnets, uses of electromagnets).

### SPELLING 3



#### 32 Weekly Word Lists

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

#### Generalizations

Phonics generalizations; Vowel patterns: short and long vowels, r-influence vowels, diphthongs; Consonant patterns: consonants, consonant blends and digraphs, soft c, soft g, silent consonants; Two-syllable words ending in le, er, y, and reliable patterns; Structural generalizations; Compound words; Contractions; Suffixes: s, es, ed, ing, er, est; Suffix rules: no change to the base word, double the final consonant, drop the final e, change y to i.

#### Word Study

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

#### Proofreading

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

#### Dictionary Skills

Location skills; Alphabetical order to the first, second, and third letter; Entry words, guide words, word forms, definitions; Syllable division: compound words; words with two middle consonants; words ending in le; open and closed syllables.

#### Writing Application

Dictation sentences in tests; Real-life writing application.