

5th Grade LANGUAGE ARTS

Fifth grade students continue working with the Dictionary and Thesaurus. They learn proper usage of singular, plural and subject nouns; verbs, including action, compound, helping, and state of being; verb phrases and verb endings. Fifth grade students use spelling lists, study spelling rules, and identify the meaning of age appropriate words. The students study figures of speech, metaphors, imagery and narratives, including writing and giving a narrative presentation. To enrich the reading experience, students complete several literature compositions, including The Lion, The Witch and the Wardrobe, Alice's Adventures in Wonderland, The Mayflower Compact, Paul Revere's Ride and Aunt Polly Shedd's Brigade. Fifth grade students use the encyclopedia to conduct research and obtain information. They learn to write an outline, revise and rewrite, take notes, and complete a finished report.

E501

Chapter 1: Alphabetical Order

Section 1: What is Alphabetical Order?
Section 2: What if the Words Start with the Same Letter(s)?

Chapter 2: Using a Dictionary and Thesaurus

Section 1: How Can a Dictionary Help You?

Section 2: Using the Dictionary

Section 3: Using Guidewords

Section 4: The Dictionary and Alphabetical Order

Section 5: Root Words and Their Suffixes

Section 6: Which Meaning?

Section 7: Using a Thesaurus

Chapter 3: Four Types of Sentences

Section 1: Four Types of Sentences

Section 2: Is It Imperative Or Exclamatory?

E502

Chapter 1: Common Nouns and Proper Nouns

Section 1: What is a Noun?

Section 2: What Do You Mean? Two Or More Words Can Be One Noun?

Section 3: What is a Collective Noun?

Section 4: What is the Difference Between a

Common Noun and a Proper Noun?

Section 5: Adding's to a Noun

Chapter 2: Singular Nouns and Plural Nouns

Section 1: What is the Difference

Between Singular and Plural Nouns?

Section 2: Plural Nouns

Section 3: Rule 1

Section 4: Rule 2

Section 5: Rules 3 and 4

Section 6: Rule 5

Section 7: Rules 6, 7 and 8

Section 8: Exceptions

Section 9: Reviewing the Rules

Chapter 3: Subject Nouns and Compound Subjects

Section 1: What is a Sentence? What is the Complete Subject and Complete

Predicate of

a Sentence?

Section 2: Subject Nouns

Section 3: Compound Subjects

Section 4: Putting It All Together

E503

Chapter 1: Action and State of Being Verbs

Section 1: Subjects and Predicates

Section 2: What is an Action Verb?

Section 3: Is It Really a Verb?

Section 4: Compound Verbs

Section 5: State of Being Verbs

Chapter 2: Helping Verbs and Ownership Verbs

Section 1: Helping Verbs

Section 2: Verb Phrases

Section 3: Verbs Are Very Important

Section 4: Verb Endings

Chapter 3: Principal Parts of Verbs

Section 1: Principal Parts of Regular Verbs

E504

Chapter 1: Spelling

Section 1: Spelling List

Section 2: Spelling Rules

Section 3: Learning to Spell a Word

Section 4: Getting to the Meaning

Chapter 2: Adjectives

Section 1: Understanding Adjectives

Section 2: Using Adjectives

Section 3: Possessive and Proper Adjectives

Section 4: Adjectives Formed From Verbs

Section 5: Predicate Adjectives

Section 6: Comparing with Adjectives

Chapter 3: Adverbs

Section 1: Understanding Adverbs and How They Modify Verbs

Section 2: How Adverbs Modify Adjectives and Other Adverbs

Section 3: Adverb Or Adjective?
Section 4: Comparing with Adverbs

E505

Chapter 1: Spelling
Section 1: Spelling List
Section 2: Spelling Rules
Section 3: Getting to the Meaning
Chapter 2: Prepositions
Section 1: Prepositions Relate
Section 2: Prepositions Come in Phrases
Section 3: Propositional Phrases Modify
Chapter 3: Conjunctions and Interjections
Section 1: Conjunctions
Section 2: Interjections
Chapter 4: Figurative Language and Literary Devices
Section 1: Figures of Speech
Section 2: Similes
Section 3: Metaphors
Section 4: Literary Devices: Symbolism
Section 5: Imagery
Section 6: Narratives
Section 7: Writing Narratives
Section 8: Analyzing a Narrative
Section 9: Speaking Skills
Section 10: Writing a Narrative
Section 11: Narrative Presentation

E506

Chapter 1: Spelling
Section 1: Spelling List
Section 2: Spelling Rules
Section 3: Getting to the Meaning
Chapter 2: Punctuation
Section 1: Commas
Section 2: Colons and Semicolons
Section 3: Apostrophes
Section 4: Underlining
Section 5: Quotation Marks
Chapter 3: Capitalization

E507

Chapter 1: Spelling
Section 1: Spelling List
Section 2: Getting to the Meaning
Section 3: Compliments
Chapter 2: Stories of Fantasy: The Lion, the Witch, and the Wardrobe
Section 1: Vocabulary
Section 2: The Lion, the Witch, and the Wardrobe: Chapter 1
Section 3: The Lion, the Witch, and the Wardrobe: Chapter 2
Chapter 3: Stories of Fantasy: Alice's Adventures in Wonderland
Section 1: Alice's Adventures in Wonderland: Chapter 1
Section 2: Alice's Adventures in Wonderland: Chapter 2

E508

Chapter 1: Spelling
Section 1: Spelling List
Section 2: Spelling Rules
Section 3: Getting to the Meaning
Section 4: Paragraphs
Chapter 2: Animal Tales: Uncle Remus and Poems
Section 1: Vocabulary
Section 2: Uncle Remus
Section 3: Poems
Chapter 3: More Animal Tales
Section 1: The Ugly Duckling
Section 2: Flamingo Tricks the Crabs

E509

Chapter 1: Spelling and Writing
Section 1: Spelling List
Section 2: Spelling Rules
Section 3: Getting to the Meaning
Section 4: Writing a Book Report
Chapter 2: Our Nation's Past: The Colonial Period
Section 1: The Mayflower Compact

Section 2: The Pilgrims Begin a New Life

Chapter 3: The Revolutionary Period
Section 1: Paul Revere's Ride
Section 2: Aunt Polly Shedd's Brigade

E510

Chapter 1: Spelling and Writing
Section 1: Spelling List
Section 2: Spelling Rules
Section 3: Getting to the Meaning
Section 4: The Research Paper Begins
Section 5: Using the Encyclopedia and Making an Outline
Chapter 2: Our Nation's Past: The Civil War Period
Section 1: Booker T. Washington
Section 2: Abraham Lincoln
Chapter 3: Prairie Life
Section 1: The Blizzard

E511

Chapter 1: Spelling and Writing
Section 1: Spelling List
Section 2: Spelling Rules
Section 3: Getting to the Meaning
Section 4: Research
Section 5: Writing the Paper
Section 6: Revise and Rewrite
Chapter 2: Responsibility in "Split Cherry Tree"
Chapter 3: Responsibility in "Massacre"

E512

Chapter 1: Spelling and Writing
Section 1: Spelling List
Section 2: Spelling Rules
Section 3: Getting to the Meaning
Section 4: Writing Letters
Section 5: Other Types of Notes
Chapter 2: Courage of Stuart Little
Chapter 3: Courage in "Old Sly Eye"

5th Grade MATHEMATICS

Fifth grade students engage in standards based activities, including place value, decimals, exponents and prime factors. Students increase their facility with the four math operations (addition, subtraction, multiplication and division) and apply them to fractions, decimals and positive and negative numbers. They learn to identify and add and subtract integers, use variable and tables, and organize and display data with types of graphs. Students study shapes, lines, points and angles, and learn to solve perimeter, surface and volume of an area. In the fifth grade students develop strong problem solving skills, conceptual understanding and basic and procedural skills.

M501

Chapter 1: Place Value Through Billions
Chapter 2: Place Value Through Thousandths
Chapter 3: Comparing and Ordering Whole Numbers and Decimals
Chapter 4: Rounding Whole Numbers and Decimals
Chapter 5: Estimation

M502

Chapter 1: Understanding Percents
Chapter 2: Relating Percents, Decimals and Fractions
Chapter 3: Finding Percent of a Number
Chapter 4: Exponents
Chapter 5: Prime Factors

M503

Chapter 1: Common Factors and Greatest Common Factor (GCF)
Chapter 2: Common Multiples and Lowest Common Multiple (Lcm)
Chapter 3: Relating Decimals and Fractions
Chapter 4: Equivalent Fractions
Chapter 5: Fractions in Simplest Form

M504

Chapter 1: Adding and Subtracting Decimals

Chapter 2: Multiplying Decimals by Whole Numbers and Two Decimals
Chapter 3: Multiplying with Zeros in the Product

Chapter 4: Mental Math: Dividing Decimals by 10,100 Or 1,000

Chapter 5: Dividing Decimals by Whole Numbers

M505

Chapter 1: Adding and Subtracting Greater Whole Numbers

Chapter 2: Mental Math: Multiplication Patterns Using 10, 100, or 1000

Chapter 3: Multiplying by One-Digit, Two-Digit, and Three Digit Numbers

Chapter 4: Dividing by One-, and Two-Digit Numbers

Chapter 5: Dividing Greater Numbers

M506

Chapter 1: Mixed Numbers and Improper Fractions (GCF)

Chapter 2: Common Multiples and Lowest Common Multiple (Lcm)

Chapter 3: Adding and Subtracting Fractions and Mixed Numbers with Like

Denominators

Chapter 4: Multiplying Fractions and Mixed Numbers

Chapter 5: Dividing Fractions and Mixed Numbers

M507

Chapter 1: Integers, Comparing and Ordering Integers

Chapter 2: Adding Integers

Chapter 3: Subtracting Integers

Chapter 4: Translating and Writing Expressions Using Integers

M508

Chapter 1: Variables and Tables

Chapter 2: Properties of Addition and Multiplication

Chapter 3: Relating Addition and Subtraction

Chapter 4: Solving Addition and Subtraction Equations

Chapter 5: Using Expressions

M509

Chapter 1: Order of Operations

Chapter 2: Evaluating Expressions with Whole Numbers

Chapter 3: Relating Multiplication and Division

Chapter 4: Evaluating Expressions with Decimal Equations

Chapter 5: Evaluating Expressions with Fractions

M510

Chapter 1: Organizing and Displaying Data

Chapter 2: Types of Graphs

Chapter 3: Mean, Median, Mode

Chapter 4: Graphing Coordinates

M511

Chapter 1: Language or Math: Addition and Subtraction

Chapter 2: Point, Lines, and Angles

Chapter 3: Polygons and Quadrilaterals

Chapter 4: Triangles

Chapter 5: Congruent Figures, Symmetry and Solid Figures

M512

Chapter 1: Coordinate Graphing

Chapter 2: Perimeter and

Circumference

Chapter 3: Area

Chapter 4: Surface Area Chapter 5: Volume

5th Grade SCIENCE

Fifth grade students build on investigation and research skills developed in prior grades. Students study atoms, elements and the periodic table, as well as solids, liquids and gases. They learn about energy, electricity and light, and how cameras and telescopes work. Through experiments and research, students study the human body, including cell, heart, breathing, circulatory system, and digestive system. Students study animal and plant cells and life cycles of plants, animals, and insects. Fifth grade students learn about ecosystems, habitats, and weather effects on our planet. They also study constellations and planets' effects on each other.

S501	Section 3: Properties of Gases	Section 2: Sound Energy
Chapter 1: Atoms and Matter	Chapter 3: Salts	Section 3: Other Forms of Energy
Section 1: What Do Atoms Look Like?	Section 1: Salt	Chapter 2: Electrical Energy
Section 2: Matter	Section 2: How Are Salts Made?	Section 1: Electricity in Circuits
Section 3: Elements and Chemical Reactions	Section 3: More About Salt	Section 2: More About Electricity
Chapter 2: The Periodic Table of Elements	S503	Section 3: Electricity in Your Home
Section 1: Elements	Chapter 1: Classifying Matter by Its Physical Properties	Chapter 3: Bending and Reflecting Light
Section 2: What the Periodic Table of Elements Tells Us	Section 1: Classifying Matter	Section 1: The Behavior of Light
Section 3: How the Periodic Table is Organized	Section 2: Conduction and Insulation of Heat	Section 2: How Cameras and Telescopes Work
Chapter 3: Molecules and Metals	Section 3: Continued: More About Conduction and Insulation of Heat	Section 3: More About Reflecting and Refracting Light
Section 1: Why Atoms Bond	Section 4: More About Conduction and Insulation	S505
Section 2: Properties of Metals	Chapter 2: Physical Properties of Mixtures	Chapter 1: Cells, the Building Blocks of Life
Section 3: How the Periodic Table Groups Metals	Section 1: Solutions	Section 1: All About Cells
S502	Section 2: Other Mixtures	Section 2: Simple Organisms
Chapter 1: Mixtures, Compounds and Formulas	Section 3: Alloys	Section 3: Multicellular Organisms
Section 1: Properties and Mixtures	Chapter 3: Constant Properties	Chapter 2: Your Respiratory System and Circulatory System
Section 2: Compounds	Section 1: Boiling Point	Section 1: How You Breathe
Section 3: Formulas of Compounds	Section 2: Melting Point	Section 2: Your Heart
Chapter 2: Properties of Solids, Liquids, and Gases	Section 3: Other Constant Properties	Section 3: Your Circulatory System
Section 1: Properties of Solids	S504	Chapter 3: Your Digestive System
Section 2: Properties of Liquids	Chapter 1: Different Forms of Energy	Section 1: Take a Bite
	Section 1: The Basics of Energy	Section 2: Break It Down!

Section 3: The Rest of the Digestive System

S506

Chapter 1: Your Kidneys

Section 1: The Purpose of the Kidneys

Section 2: What Actually Happens Inside Your Kidneys

Section 3: Kidney Diseases

Chapter 2: Animal Cells

Section 1: What Animal Cells Look Like

Section 2: More Parts of Animal Cells

Section 3: More About Organelles

Chapter 3: Your Nervous System

Section 1: Nerves

Section 2: Your Incredible Brain

Section 3: The Nervous System

S507

Chapter 1: Vascular Plants

Section 1: The Parts of a Vascular Plant

Section 2: Angiosperms and Gymnosperms

Section 3: Monocots, Dicots, and Plant Movement

Chapter 2: Plants and Photosynthesis

Section 1: The Importance of Plants

Section 2: Plant Parts

Section 3: Photosynthesis

Chapter 3: Life Cycles

Section 1: Life Cycles of Plants

Section 2: Life Cycles of Animals

Section 3: Life Cycles of Insects

S508

Chapter 1: Ecosystems and Habitats

Section 1: What Are Ecosystems and Habitats?

Section 2: Changes and Conservation

Section 3: Types of Habitats That Organisms Live In

Chapter 2: Adapting to the World

Section 1: Surviving in the Ocean

Section 2: Forests

Section 3: Deserts, Wetlands, and Grasslands

Chapter 3: Inherited Traits and

Learned Characteristics

Section 1: Genetic Changes and

Somatic Changes

Section 2: Inherited Traits of Plants

and Animals

Section 3: Learned Characteristics of Plants and Animals

S509

Chapter 1: Water

Section 1: Oceans

Section 2: Evaporation

Section 3: Condensation

Chapter 2: Precipitation

Section 1: Clouds

Section 2: Rain and Snow

Section 3: Hail and Sleet

Chapter 3: Fresh Water

Section 1: Sources of Fresh Water

Section 2: Water Conservation

Section 3: Alternate Sources of Water

S510

Chapter 1: Weather

Section 1: Air Currents

Section 2: The Effects of the Ocean and Water Cycle

Section 3: Regular Changes in the Weather

Chapter 2: Severe Weather

Section 1: Thunderstorms

Section 2: Hurricanes and Tornadoes

Section 3: Other Types of Severe Weather

Chapter 3: The Atmosphere and Weather Forecasting

Section 1: The Atmosphere

Section 2: Air Weight and Pressure

Section 3: Forecasting the Weather

S511

Chapter 1: Our Sun and the Solar System

Section 1: The Incredible Heavens

Section 2: The Stars in History

Section 3: Our Sun, the Star

Chapter 2: The Planets of Our Solar System

Section 1: Mercury, Venus, Earth

Section 2: Mars, Jupiter, Saturn

Section 3: Uranus, Neptune, Pluto

Chapter 3: More About Our Skies

Section 1: Smaller Parts of Our Solar System

Section 2: Constellations

Section 3: How the Planets Affect Each Other

5th Grade SOCIAL STUDIES

In the fifth grade students study the people of the Americas, including Cliff Dwellers, Nomads, American Indians and Woodland People. Students study reasons for exploration and explorers, such as Christopher Columbus and Francisco Vasquez de Coronado. They study early land and sea explorers to the Americas, as well as early settlements in North America. In the fifth grade, students do reports, create dioramas, or bring artifacts to enrich understanding. Students learn about the many Colonies that made up early America. They study the French and Indian War, and the Declaration of Independence. In the fifth grade, students learn about early government, study the Bill of Rights, and learn of the Westward Expansion. They learn about the California Gold Rush and the Oregon Trail. Students work in groups, and alone, preparing charts and graphs, and developing critical thinking skills.

SS501

Chapter 1: Who Were the First Americans?
Section 1: Native American Culture
Section 2: The Southwest Cliff Dwellers and Pueblo Peoples
Section 3: The Nomads of the Great Plains
Section 4: The American Indians of the Pacific Northwest
Section 5: The Woodland People East of the Mississippi
Chapter 2: Customs, Traditions, and Folklore
Section 1: Traditions and Customs
Section 2: Native American Folklore
Character Moment – Creative
Section 3: The Native American Clan
Chapter 3: Money and Government Systems
Section 1: Native American Money
Section 2: Native American Government
Section 3: Class Project

SS502

Chapter 1: What Made the Explorers Want to Go Exploring?
Section 1: Stories From the Past About Lots of Gold
Section 2: Christopher Columbus' Reasons to Explore
Section 3: The Exploration of Vasco De Gama
Section 4: What Are the Characteristics of an Explorer?
Chapter 2: What Did the Explorers Do That Changed History?
Section 1: Francisco Vasquez De Coronado's Expeditions
Section 2: The Protestant Reformation and the Counter Reformation
Section 3: Other Explorers and Their Parts in History
Chapter 3: Where Did the Explorers Explore?
Section 1: Where Shall We Go?
Section 2: Explorer's Route Map Project
Section 3: What Do the Important Words Mean?

SS503

Chapter 1: Early Sea Explorers to the Americas
Section 1: John Cabot Claims North America For England
Section 2: Juan Ponce De León Explores Florida
Section 3: Balboa and Magellan Make New Discoveries
Section 4: Jacques Cartier Explores New World For France
Chapter 2: Early Land Explorers to the Americas
Section 1: Early Spanish Conquistadors to Central and South America
Section 2: Early Spanish Explorers to North America
Section 3: The English Gain Power Over Spain
Section 4: The French Explore and Settle Canada
Chapter 3: Early Settlements in North America
Section 1: Spanish St. Augustine, the First Permanent Settlement
Section 2: The Lost English Colony
Section 3: Jamestown, the First English Settlement

SS504

Chapter 1: America's First Colonies
Section 1: Virginia Character Moment—Determined
Section 2: The Separatists
Section 3: The Mayflower and the Mayflower Compact
Section 4: Plymouth Colony
Chapter 2: A New Beginning in America
Section 1: The First Thanksgiving
Section 2: Other Colonies Begin in America
Section 3: Massachusetts Bay Colony
Section 4: Rhode Island Colony
Chapter 3: More American Colonies
Section 1: Connecticut Colony
Section 2: New Hampshire Colony
Section 3: New York Colony

SS505

Chapter 1: Other Colonies in America
Section 1: Delaware Colony and New Jersey Colony
Section 2: William Penn, the Quaker
Section 3: a New Start in Pennsylvania
Section 4: Maryland Colony
Chapter 2: More Colonies in the South
Section 1: The Carolina Colonies
Section 2: Georgia, the Last Colony
Section 3: The Thirteen Original Colonies
Section 4: Home Life in Colonial America
Chapter 3: More About Colonial Life
Section 1: Churches and Schools
Section 2: Industry
Section 3: Representative Government

SS506

Chapter 1: The Great Awakening
Section 1: The Great Awakening Begins
Section 2: Jonathan Edwards, the Great Puritan Preacher
Section 3: George Whitefield, a Great Evangelist
Section 4: Phillis Wheatley, Child of the Great Awakening
Chapter 2: The Colonies Continue to Change
Section 1: A Poem Written by Phillis Wheatley

Section 2: How the Great Awakening Changed America
Section 3: English Colonies and New France Expand
Section 4: The French and English Become Enemies
Chapter 3: The French and Indian War
Section 1: Let the Wars Begin-
Section 2: The French and Indian War
Section 3: The English Are Victorious

SS507

Chapter 1: The Colonists Clash with King George
Section 1: King George the Third
Section 2: Resistance to Imperial Policy
Section 3: Trouble in Boston
Section 4: First Continental Congress
Chapter 2: The Colonies Head toward Independence
Section 1: Battles of Lexington and Concord
Section 2: The Second Continental Congress
Section 3: The Patriots Entrench
Section 4: Battle of Bunker (Breed's) Hill
Chapter 3: The Declaration of Independence
Section 1: The Capture of Fort Ticonderoga
Section 2: Siege of Boston
Section 3: The Declaration of Independence

SS508

Chapter 1: The Fighting Begins
Section 1: The Patriots Entrench in New York
Section 2: The British Take New York City
Section 3: Washington Crosses the Delaware
Section 4: a Flag For America
Chapter 2: The Difficult First Years
Section 1: Let's Review
Section 2: The British Take Philadelphia
Section 3: The British March to Saratoga
Chapter 3: Winter At Valley Forge
Section 1: Surrender At Saratoga
Section 2: The Continental Army Winters At Valley Forge

Section 3: Baron Von Steuben, Drillmaster

SS509

Chapter 1: The War Moves West
Section 1: France Joins the War
Section 2: Monmouth—the Last Major Battle in the North
Section 3: Western Campaigns
Chapter 2: The War Moves South
Section 1: The Continental Navy
Section 2: The War Moves South
Section 3: General Greene Splits His Army in the South
Section 4: The Patriots Plague the British
Chapter 3: Final Surrender At Yorktown
Section 1: Cornwallis Surrounded in Yorktown
Section 2: The Siege of Yorktown

SS510

Chapter 1: A Government For a New Nation
Section 1: The Articles of Confederation
Section 2: Our Constitution
Section 3: Our Government
Chapter 2: a New Country in a Changing World
Section 1: The Bill of Rights
Section 2: a President For a New Republic
Section 3: The French Revolution
Section 4: Napoleon Bonaparte
Chapter 3: Westward Expansion
Section 1: The Louisiana Purchase
Section 2: Lewis and Clark Expedition
Section 3: The Northwest Territory

SS511

Chapter 1: The War of 1812
Section 1: A War Between France and England
Section 2: Sea Battles
Section 3: The Star-Spangled Banner
Chapter 2: The War Ends and America Expands
Section 1: The Battle of New Orleans
Section 2: Americans Push West
Section 3: Daniel Boone
Section 4: Purchase of Florida

Chapter 3: Travel in the Early 1800's

Section 1: Types of Transportation

Section 2: Second Great Awakening

SS512

Chapter 1: The United States Gains the Southwest

Section 1: Remember the Alamo

Section 2: The Mexican War

Section 3: The Bear Flag Republic

Chapter 2: Profit Lures More

Americans West

Section 1: The California Gold Rush

Section 2: The Western Mountain Man

Section 3: The British Northwest

Section 4: The Northwest Boundary

Dispute

Chapter 3: Oregon Or Bust

Section 1: The Oregon Trail

Section 2: Oregon Settlers

