

# Scope & Sequence



## 4th Grade Curriculum

<b>Month 1</b>	
<b>Week 1</b>	Vocabulary; spelling; poetry; prewriting: purpose; interpret place value: 10 times position to the right; scientific process, safety, and tools
<b>Week 2</b>	Vocabulary; spelling; similes; author's purpose; drafting; adding whole numbers; physical properties of matter; classifying states of matter
<b>Week 3</b>	Vocabulary; spelling; author's purpose (simile, metaphor, alliteration, assonance); revising and editing; subtracting whole numbers; uses for matter; measuring matter
<b>Week 4</b>	Vocabulary; spelling; characters; final draft of the writing process; decimals: represent tenths on a number line; measuring matter; compare/contrast mixtures and solutions
<b>Month 2</b>	
<b>Week 1</b>	Vocabulary, spelling, plot elements: rising action and climax; narrative writing; selecting tools and techniques to solve problems; multiplying by 10 and 100; multiplying 2-digit numbers with arrays; forms of energy
<b>Week 2</b>	Vocabulary; spelling; plot elements: falling action, resolution, and setting; narrative writing; strategies for multiplying 2 two-digit numbers; forms of energy; conductors and insulators
<b>Week 3</b>	Vocabulary; spelling; setting and retell; narrative writing; multiplication using mental math and partial products; properties of multiplication; electrical circuits; force
<b>Week 4</b>	Vocabulary; spelling; retelling, paraphrasing, and summarizing; narrative writing; division and rounding; exploring force

<b>Month 3</b>	
<b>Week 1</b>	Vocabulary; spelling; poetry: figurative language; narrative writing; writing a letter; add and subtract whole numbers and decimals; one and two step multiplication & division problems; multi-step problems using four operations; conservation
<b>Week 2</b>	Vocabulary; spelling; author's purpose; writing a letter; input-output tables and numerical expressions; decomposing fractions; natural resources and recycling; soil properties
<b>Week 3</b>	Vocabulary; spelling; author's purpose; literary devices and point of view; writing short responses to prompts; equivalent fractions; comparing fractions; adding fractions; soil properties; slow changes to Earth's surface
<b>Week 4</b>	Vocabulary; spelling; first and third-person point of view; personal connections; writing short responses to prompts; author's purpose and audience; adding and subtracting fractions; representing fractions on a number line; Earth's surface
<b>Month 4</b>	
<b>Week 1</b>	Vocabulary; spelling; drama: character tags, acts, scenes, stage directions; different forms of writing; frequency tables; dot plots; step and leaf plots; the water cycle
<b>Week 2</b>	Vocabulary; spelling; children's literature: folktales, fables, legends, myths; writing an informational/explanatory text; solving one/two step problems using data from a frequency table, dot plot, stem and leaf plots; measurement; parts of water cycle
<b>Week 3</b>	Vocabulary; spelling; children's literature; point of view; anecdotes; researching a topic; customary and metric system measurements; perimeter and area; lines, angles, rays and points; parts of the water cycle
<b>Week 4</b>	Vocabulary; spelling; anecdotes; writing a response; comparing texts; writing a clear introduction and thesis statement; solving problems: length, time, volume, mass, and money; water cycle: the sun's role; illustrating the water cycle
<b>Month 5</b>	
<b>Week 1</b>	Vocabulary; spelling; informational texts: characteristics and central idea; graphic organizers for writing; writing informational text: grouping related information; points, lines, line segments, rays and angles; measuring and recording weather
<b>Week 2</b>	Vocabulary; spelling; informational texts; writing informational texts including facts, definitions, and details; perpendicular and parallel lines, symmetry, right angles, and acute triangles; weather; moon phases
<b>Week 3</b>	Vocabulary; spelling; diagrams; author's purpose; writing texts that include details, quotations, and examples; right triangles, obtuse triangles, classifying 2D figures, and illustrating the measure of an angle; moon phases; seasons
<b>Week 4</b>	Vocabulary; spelling; responses using text evidence; nonfiction text features; illustrating and measuring angles in degrees; drawing angles; determining measurement of unknown angles; seasons; shadows

<b>Month 6</b>	
<b>Week 1</b>	Vocabulary; spelling; text structures and organizational patterns; multimedia; transition words; using vocabulary in writing; add and subtract fractions and whole numbers; organisms in ecosystems; producers and consumers; producer needs
<b>Week 2</b>	Vocabulary; spelling; organizational patterns and compare/contrast; author's purpose; concluding statement/paragraph; publish using technology; add/subtract decimals; one/two step multiplication/division; organisms interacting; ecosystems
<b>Week 3</b>	Vocabulary; spelling; author's purpose: text structures; publish using technology; revise and edit; multi-step problems using four operations; input-output table and numerical expressions; perimeter and area of a rectangle; food webs
<b>Week 4</b>	Vocabulary; spelling; responses using new vocabulary; revise and edit; bibliography; solve problems: length, volume, and mass; solve problems: time and money; food web changes; review organisms and ecosystems
<b>Month 7</b>	
<b>Week 1</b>	Vocabulary; spelling; argumentative texts: characteristics, structures, and identify the claim; representing fractions; decompose fractions; equivalent fractions; organisms; adaptations: behavioral, physiological, and structural
<b>Week 2</b>	Vocabulary; spelling; argumentative texts; response skills: interact with sources; recall/gather relevant information; equivalent fractions and comparing fractions; addition/subtraction of fractions; ecosystems and biomes: forest, grassland, desert
<b>Week 3</b>	Vocabulary; spelling; interact with sources; graphic organizers; evaluate reasonableness of fractions; represent fractions and decimals with a number line; communicate mathematically using symbols; ecosystems; create an animal
<b>Week 4</b>	Vocabulary; spelling; freewriting and illustrating; ideas to implied meaning; topic and thesis statement; communicate mathematically using diagrams, graphs, and language; organize, record, and communicate mathematical ideas; organisms
<b>Month 8</b>	
<b>Week 1</b>	Vocabulary; spelling; literary texts; literary devices; grouping related ideas/organizing paragraphs; providing reasons, facts, and details; adding whole numbers and decimals; fluently solve one/two step multiplication; traits
<b>Week 2</b>	Vocabulary; spelling; literary devices; point of view; responding to text; interacting with sources; link arguments and reasons; fluently solve one/two-step division problems; solve problems with length, time, and volume; behaviors
<b>Week 3</b>	Vocabulary; spelling; interact with sources; ideas to implied meaning; conclusion; publish writing using technology; solve problems: mass and money; expenses and profits; compare and contrast traits and behaviors
<b>Week 4</b>	Vocabulary; spelling; genre review; revise and edit; bibliography; compare savings options; describe allocating weekly allowance; financial institutions; favorite animal: traits and behaviors

## Month 9

Week 1

Vocabulary; spelling; research texts; generate/clarify questions; develop and follow a research plan; writing poetry; fixed/variable expenses; lab/outdoor investigation; selecting appropriate equipment and technology; collecting/recording data

Week 2

Vocabulary; spelling; identify and gather relevant information; identify sources; haikus, acrostic poems, and cinquain; calculating profit; savings options; collect and record data using drawings, writing, maps; organize, examine, and evaluate data

Week 3

Vocabulary; spelling; demonstrate understanding; paraphrasing vs. plagiarism; bibliography; cinquain, diamante, and limerick; weekly allowance; organize, examine, and evaluate data; interpret patterns in data; construct explanations

Week 4

Vocabulary; spelling; bibliography; present results: oral, written, and multimodal; writing free verse poems; rhyme and rhythm; financial institutions; perform repeated investigations to increase reliability; communicate data-supported results

## Month 10

Week 1

Vocabulary; spelling; multimodal texts; rhythm, alliteration, and humor; add and subtract whole numbers/decimals; fluently solve one/two-step multiplication problems; terrarium/aquarium observation; microscopes

Week 2

Vocabulary; spelling; digital texts; writing use meter, simile, and metaphor; multi-step problems using 4 operations; collect, record, and analyze with Celsius; analyze scientific explanations

Week 3

Vocabulary; spelling; multimodal texts; digital texts; metaphor, personification, and onomatopoeia; input-output tables; solve problems with length, time, and volume; scientific explanations; terrarium/aquarium observation; science careers

Week 4

Vocabulary; spelling; digital texts; couplets/triplets; revising, editing, publishing, and sharing poetry; solve mass and money problems; expenses and profits; science careers; history of science