

Fourth Grade 2022-2023

Navigating Our Way Through Virginia History

	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
READING	<p>Unit #1A: Launching Reading Workshop</p> <p>Nonfiction Text Features, Context Clues, Synonyms and Antonyms, Affixes, Summarize plot and details, Genres, Conclude/Infer, Setting/Characters (4.4.ab; 4.5acdeh; 4.6ad)</p> <p>Communication/Media (ongoing throughout the year) (4.1a-h)</p>	<p>Unit #2A: Exploring Fiction and Literary Nonfiction</p> <p>Characters, Conclude/Infer, Word Reference Materials Dictionary/Thesaurus, Narrator, Conflict and Resolution, Summarize Plot, Theme, Genres (4.4c; 4.5a-h)</p>	<p>Unit #3A: Exploring Nonfiction and Biography</p> <p>Nonfiction Text Features, Authors Purpose, Main Idea, Summarize, Cause/Effect, Fact and Opinion, Word Reference Materials Glossary, Theme Conflict/Resolution (4.4bc; 4.5bfghj; 4.6abcdf)</p>	<p>Unit #3A: Exploring Nonfiction and Biography Continued</p> <p>Nonfiction Text Features, Main Idea, Cause/Effect, Draw Conclusions, Author's Purpose, Summarize Details (4.6a-f)</p>	<p>Unit #4A: Genre Study: Folklore Fun</p> <p>Setting/Character/Plot, Cause and Effect, Summarize, Conclusions, Conflict/Resolution, Conclude/Infer, Theme, Genres, Homophones, Compare and Contrast (4.4b; 4.5a-d, f, h-k)</p>	<p>Unit #5A: Writing about Science</p> <p>Nonfiction Text Features, Main Idea, Summarize, Author's Purpose, Fact and Opinion, Cause and Effect, Compare/Contrast, Conclude/Infer (4.4c; 4.5h; 4.6a-d, f-i)</p>	<p>Unit #6A: Poetry and Paired Passages</p> <p>Genres, Summarize, Author's Purpose, Fact and Opinion, Narrator, Main Idea, Cause/Effect, Conflict and Resolution, Conclusions, Nonfiction Text Features, Homophones (4.4b, 4.5cefh, 4.6abcefg)</p>	<p>Unit #6A: Poetry and Paired Passages Continued</p> <p>Genres, Summarize, Author's Purpose, Fact and Opinion, Narrator, Main Idea, Cause/Effect, Conflict and Resolution, Conclusions, Nonfiction Text Features (4.5cefh, 4.6abcefg)</p>	<p>Unit #7A: Celebrating Literacy through Author Study</p> <p>Theme, Conclusion/Inference, Authors Purpose, Main Idea, Summarize, Conflict/Resolution, Plagiarism (4.4e; 4.5bcdh; 4.6bce)</p> <p>SOL Review and Retakes</p>	Year End Review
WRITING	<p>Unit #1B: Launching Writing Workshop</p> <p>Prewriting, Writing Process, Revise, Edit (4.7adm; 4.8)</p> <p>Grammar/ Mechanics (ongoing throughout the year) (4.8a-h)</p> <p>Writing Process (ongoing throughout the year)</p>	<p>Unit #2B: Exploring Fiction and Literary Nonfiction</p> <p>Prewriting, Noun-Pronoun, Subject-Verb, Transition Words, Supporting Details, Word Choice, Sentence Variation, Revise, Adjective/Adverbs (4.7adkilm; 4.8ace)</p> <p style="text-align: center;">Personal Narrative Writing Prompt</p>	<p>Unit #3B: Exploring Nonfiction and Biography</p> <p>Prewriting, Main Idea, Quotation Marks, Transition Words, Topic Sentences, Paragraphs, Revise, Elaborate (4.7dfghikm; 4.8f; 4.9cde)</p>	<p>Unit #3B: Exploring Nonfiction and Biography continued:</p> <p>Prewriting, Main Idea, Quotation Marks, Transition Words, Topic Sentences, Paragraphs, Revise, Elaborate (4.7dfghikm; 4.8f; 4.9cde)</p>	<p>Unit #4B: Genre Study: Folklore Fun</p> <p>Opinion, Revise, Edit, Transition Words, Double Negatives, Writing Process (4.7ajikm, 4.8)</p> <p style="text-align: center;">Opinion/Persuasive Writing Prompt</p>	<p>Unit #5B: Writing about Science</p> <p>Process, Main Idea, Singular Possessive, Opinion, Transition Words, Revise (4.7aefjkm; 4.8h)</p>	<p>Unit #6B: Poetry and Paired Passages</p> <p>Sensory Words, Poetry, Prewriting, Style, Word Choice (4.7a-k; 4.9c-e)</p> <p style="text-align: center;">Informational Writing Prompt</p>	<p>Unit #6B: Research Writing</p> <p>Sensory Words, Poetry, Prewriting, Style, Word Choice (4.7a-k; 4.9c-e)</p>	<p>Unit #7B: Celebrating Literacy through Author Study</p> <p>Writing Process, Patterns, Topic Sentences, Elaborate, Revise, Peer Revising, Self Editing, Noun-Pronoun, Commas, Correct Spelling (4.7a-e, gim; 4.8cdg)</p> <p style="text-align: center;">Personal Narrative Writing Prompt</p>	Year End Review
MATH	<p>Unit 1: Place Value (4.1abc)</p> <p>Read, write, and identify the place and value of each digit in a nine-digit whole number; Compare, and order whole numbers expressed through millions; Round whole numbers expressed through millions to the nearest thousand, ten thousand, and hundred thousand.</p> <p style="text-align: center;">Place Value Test September 1st</p>	<p>Unit 2: Computation, Measurement, and PFA (4.4abcd; 4.15; 4.7)</p> <p>Place value, comparing, ordering and rounding whole numbers; Equality and the Associative property of addition; Estimate and determine sums, products, and quotients of whole numbers; Identify, describe, create, and extend patterns found in numbers and tables; and Solve practical problems that involve determining perimeter and area in U.S. Customary and metric units.</p> <p style="text-align: center;">Computation, Measurement, and PFA Test October 28th</p>	<p>Unit 3: Data Analysis (4.14abc)</p> <p>Collect and organize data; Display data using bar graphs and line graphs; Interpret data from bar and line graphs.</p> <p style="text-align: center;">Data Analysis Test November 16th</p>	<p>Unit 4: Multiplication and Division, Measurement, PFA (4.4abcd; 4.15; 4.16; 4.5bcd; 4.9)</p> <p>Estimate and determine sums, products, and quotients of whole numbers; Identify, describe, create, and extend patterns found in numbers and tables; Estimate, measure and solve practical problems involving weight/mass and describe the result in U.S. Customary and metric units; Solve practical problems involving elapsed time in hours and minutes within a 12-hour period.</p>	Multiplication and Division, Measurement, PFA Test January 20th	<p>Unit 5: Geometry (4.10ab, 4.11, 4.12, 4.15)</p> <p>Identify and describe polygons; Identify and describe points, lines, line segments, rays, angles; Include parallel, intersecting and perpendicular lines; Investigate and recognize transformation.</p> <p style="text-align: center;">Geometry Test February 10th</p>	<p>Unit 6: Fractions and Probability</p> <p style="text-align: center;">Fractions (4.2abc; 4.5abc; 4.15)</p> <p>Model, compare and order fractions, and mixed numbers; represent equivalent fractions; identify division statement; add and subtract fractions; single and multi-step word problems.</p>	<p>Probability (4.13abc)</p> <p>Models decimal numbers; Identify place value, compare and order decimals; Model, compare and order fractions and mixed numbers; Relate fractions and decimals; Represent equivalent fractions Predict the likelihood of an outcome of an event</p> <p style="text-align: center;">Fractions and Probability Test April 13th</p>	<p>Unit 7: Modeling and Computation of Decimals (4.3acd;4.6ab)</p> <p>Model decimal number; relate to fractions; identify place value; round, compare and order decimals; estimate decimals; add and subtract decimals; single and multi-step problems.</p> <p style="text-align: center;">Modeling and Computation of Decimals Test May 15th</p> <p style="text-align: center;">SOL Review and Retakes</p>	Year End Review

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SOCIAL STUDIES	<p>Virginia Geography and Native Peoples (regions, fall line, maps, landforms) Relative Location, VA bordering states, regions, rivers, cities, bodies of water, American Indians in VA, archeology (2a-g)</p> <p>VA Geography and Native Peoples Test September 23</p>	<p>First Permanent English Settlement Reasons for settlement, reasons for site choice, Jamestown's hardships, Jamestown as a diverse colony, Powhatan, trade relationships, Settlement of Jamestown, cultural groups, beginning of government (3a-g)</p> <p>First Permanent English Settlement Test October 28</p>	<p>Life in VA Colony Tobacco as a cash crop, the growth of agricultural and its influence on slavery in VA; beliefs, customs, architecture, and settlement of cultural groups; movement of the capital; forms of exchange in VA colony; life for varying cultural groups (4a-e)</p> <p>Life in VA Colony Test November 21</p>	<p>VA in American Revolution Reasons for independence and war; Declaration of Independence, contributions of Virginians in the war, roles of different cultural groups, Battle Great Bridge, ride of Jack Jouett, Yorktown (5a-c)</p> <p>VA and American Rev. Test December 15</p>	<p>Role of VA in New Nation George Washington, James Madison, George Mason, Thomas Jefferson; VA Declaration of Rights, VA Statute for Religious Freedom; migration into western territories (6a-c)</p> <p>VA & New Nation Test January 20</p>	<p>Differences that Led to the Civil War Differences between North and South, secession, creation of West Virginia, battles of the Civil War, leaders of the war; effect on different cultural groups (7a-c)</p> <p>VA & Civil War Test February 17</p>	<p>Reconstruction of Virginia Problems VA faced after the war, Reconstruction of VA, impact of Jim Crow Laws, rights of African-Americans after Reconstruction, economic development of VA (8a-c)</p> <p>Reconstruction Test March 17</p>	<p>VA in 20th and 21st Centuries Rural to urban, reasons for coming to VA, Famous Virginians in the 20th and 21st Century (9a-d)</p> <p>VA in 20th and 21st Centuries Test April 14</p>	<p>Government and Economics of VA Branches of government, VA products and industries, advances in transportation, communication, and technology (10a-c)</p> <p>Government and Economics of VA Test May 5</p> <p>SOL Review</p>	Year End Review
SCIENCE	<p>Solar System Planets in solar system, order of the planets in the solar system, relative sizes of planets (4.5a-c)</p> <p>Solar System Test September 30</p> <p>Scientific and Engineering Practices (4.1a-f) (ongoing throughout the year)</p>	<p>Earth, Moon, and Sun Revolution, rotation, causes of seasons, phases of moon, historical contributions and understanding of Earth, Moon, Sun system (4.6a-d)</p> <p>Earth, Moon, & Sun Test October 28</p> <p>Science/Math Estimating and Measuring Length</p>	<p>Weather Temperature, pressure, wind speed, types of precipitation, humidity, meteorological tools, fronts, types of clouds, storms (4.4a-c)</p>	<p>Weather Temperature, pressure, wind speed, types of precipitation, humidity, meteorological tools, fronts, types of clouds, storms (4.4a-c)</p> <p>Weather Test December 16</p> <p>Science/Math Estimating and Measuring Mass</p>	<p>Living Systems and Processes (Plants) Plant anatomy, classification, photosynthesis, pollination, fertilization, dormancy (4.2a-c)</p> <p>Living Systems and Processes (Plants) Test January 26</p>	<p>Ecosystems Behavioral and structural adaptations, communities, food webs, habitats and niches, plant and animal life cycles, human influences (4.5a-f)</p>	<p>Ecosystems Behavioral and structural adaptations, communities, food webs, habitats and niches, plant and animal life cycles, human influences (4.3a-d)</p> <p>Ecosystems Test March 10</p> <p>Science/Math Measuring Elapsed Time</p>	<p>Ocean Environment Geology of the Ocean Floor; physical properties and movement; ecological characteristics; interactions of organisms (4.7a-c)</p> <p>Ocean Environment Test April 10</p>	<p>Virginia Natural Resources Water resources, watershed, VA animals and plants, geological regions, minerals, rocks, ore, and energy sources, forests, soil, land (4.8a-d)</p> <p>Virginia Natural Resources Test May 5</p> <p>Science/Math Solve Practical Problems</p>	<p>Family Life Education Physical changes during Puberty Structures and functions of reproductive organs</p>
LIBRARY & INFORMATION	<p>Library & Makerspace Orientation <u>Research:</u> Atlas Skills <u>Makerspace:</u> Map of Virginia</p>	<p><u>Research:</u> Jamestown (3a-g Hardships, interactions, first settlement.) Using online resources, encyclopedias, nonfiction books,</p>	<p>Narrative Writing as a Colonist (Using biographies) <u>Makerspace Project:</u> Jamestown Forts/Projects</p>	<p><u>Research:</u> Weather Looking at Author's Purpose in Fiction HOUR OF CODE</p>	<p><u>Research:</u> Using Reference Materials (Glossary, Dictionary, Thesaurus) Using Primary Sources: Declaration of Independence (LOC website), people, battles</p>	<p><u>Research:</u> Ecosystems <u>Makerspace Project:</u> Build an Animal w/Adaptations</p>	<p><u>Research:</u> Embryology Unit <u>Research:</u> Reconstruction of Virginia (Jim Crow Laws) Primary & Secondary Sources</p>	<p><u>Research:</u> Ocean Environment and Levels (Create a diorama of an ocean level.)</p>	<p><u>Research:</u> VA Natural Resources (Word Analysis, Elements of Fiction or Nonfiction, Cause & Effect) Targeted SOL Remediation Groups</p>	<p>PWC Summer Reading Program Share Summer Reading Resources.</p>
ART	<p>Visual Journal Square 1: Art Smart Self-Portraits</p>	<p>Virginia Ecosystems Watercolor Paintings</p>	<p>Drawing Plants from observation Shading Techniques</p>	<p>Artisans & Crafters of Colonial America Clay slab serving dish</p>	<p>Origami Fraction Quilt</p>	<p>Geometric Abstractions</p>	<p>Follow the Drinking Gourd Collage</p>	<p>Famous Virginians Clay Sculptures</p>	<p>Virginia History (SOL review) stitchery <u>Program Mural</u></p>	<p>Art History Games</p>
PE	<p>Safety Rules Self-awareness team building</p>	<p>Locomotor skills (throughout the year)* Motor Development Movement management Throw, Catch, Dribble & Pass</p>	<p>Fitness Pre-testing aerobic, flexibility, upper body & abdominal, Fitness Plan</p>	<p>Refine movement skills Demonstrate mature form for specialized locomotor, non-locomotor & manipulative skill combinations</p>	<p>Complex movement patterns Manipulative skill combinations Catching & Throwing to a target w/ movement working productively & respectfully w/ others</p>	<p>Refine movement skills Locate radial & carotid pulse Calculate resting & active heart rate Demonstrate cooperative skills & safe participation Post-Fitness tests aerobic, abdominal, flexibility & upper body</p>	<p>Post-Fitness testing Components of the cardiorespiratory system Identify major muscle groups Demonstrate mature form for locomotor, non-locomotor skills & manipulative skill combinations</p>	<p>Post Fitness testing for mastery Create SMART goal personal fitness Demonstrate conflict-resolution strategies Identify calories & macronutrients Demonstrate pacing, speed & endurance</p>	<p>Mature form for locomotor, non-locomotor & manipulative skills Identify major bones & muscles Analyze post fitness testing & reflect on goal progress Explain importance of Hydration</p>	<p>Mature form of locomotor, non-locomotor & manipulative skills Demonstrate positive interactions in competitive activities Refine movement skills & demonstrate in increasing complex activities</p>
MUSIC	<p>Geographic factors song Regions of VA Scientific process Writing Process</p>	<p>Recorders VA Songs Musical Math Patterns in Music</p>	<p>recorders Virginia Reel-folk dance "Jamestown"</p>	<p>recorders (Music of Colonial VA)</p>	<p>Songs of the Revolution Holst - Planets</p>	<p>Civil War Music Unit Begin SOL Review</p>	<p>Songs of reconstruction</p>	<p>Music of Civil Rights Movement</p>	<p>Review and Program Practice</p>	<p>Year in Review</p>