**PACING GUIDE 2022 – 2023**

**Grade Level Fourth Grade First 9 Week Grading Period**

\*\*Write SOL Number and description and CFA Test Name. Each Week after you teach objective, color over block with highlighter\*\*.

For each unit of study, please include a CFA.

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| **Week of:** | **Language Arts** | **Social Studies** | **Science** | **Math** |
| **Aug. 22** | ***Reading: Unit 1 – Building Community***  4.5d genres  4.6a text features (to predict and set a purpose)  ***Writing: Fiction Writing (SOL 4.1; 4.7a,e)***  What is Fiction Writing?   * Using Mentor Texts * Getting Ideas for Writing   Exploring a Prewriting Techniques | Leader in Me/Code of Behavior | Leader in Me | ***Unit 1: Place Value (SOL 4.1a-c)***  **Place Value Review**  4.1a Read, Write, and Identify Place and Value of Each Digit in a Nine-digit Number  **First 10 Days of Math Routines & Procedures** |
| **Aug. 29**  **(4 days)** | ***Reading: Unit 1 – Build Stamina/Read and Respond***  4.5l/4.6i fluency\*  4.5k/4.6h monitor  comp\*  4.4a context to clarify\*  4.4b syn/ant  ***Writing: Fiction Writing (SOL 4.5h; 4.7c,d,e)***  Brainstorming & Organizing   * Character Traits * Visualizing the Setting * Introducing Other Characters | Leader in Me/Code of Behavior | Leader in Me | ***Unit 1: Place Value***  **Place Value Review**  4.1b Compare and Order Numbers  4.1c Round Whole Numbers – Using Place Value and Number Lines; Identify Range  **First 10 Days of Math Routines & Procedures**  **PWCS: End-of-Unit 1 Assessment – Place Value, (SOL 4.1a-c)** |
| **Sept. 5**  **(4 days)** | ***Reading: Unit 1 – Build Stamina/Read and Respond/Book clubs***  4.5k/4.6h monitor  comp\*  4.6a text features  (headings/main idea)  4.4a context to clarify\*  4.4b affixes  ***Writing: Fiction Writing (SOL 4.5h; 4.7c,i; 4.8f)***  Brainstorming & Organizing   * Problem/Solution * Story Elements * Character vs. Problem * Character Change | ***Unit 1: Virginia Geography (SOL VS.2a-c;VS.10b)***  VS.2a Locate VA & Bordering States  VS.2b Regions of VA  VS.10b VA Products & Industries | ***Unit 1: Solar System (SOL 4.5a-c; 4.1 Science and Engineering Practices)***    4.5a Planets Rotate on Their Axes and Revolve Around the Sun | ***Unit 2: Computation, Measurement & PFA (SOL 4.4a-d; 4.5a; 4.7; 4.8ad; 4.15; and 4.16)***  **Addition & Subtraction with Practical Problems**  4.4b Estimating Sums and Differences; Add and Subtract Whole Numbers  4.4d Create and Solve Single and Multi-step Problems  **First 10 Days of Math Routines & Procedures** |
| **Sept. 12** | ***Reading: Unit 1 – Nonfiction Text Features***  4.5c summarize plot  4.6d summarize details  4.4a context to clarify\*  4.4b  roots/affix/syn/ant  **PWCS – Unit 1: Launching Reading and Writing Workshop**  ***Writing: Fiction Writing (SOL 4.7b,m;4.8d,f,h)***  Brainstorming & Organizing   * Creating a Story Arc * Creating Story Leads to Hook the Reader * Show, Not Tell * Story Ending | ***Unit 1: Virginia Geography***  VS.2b Regions of VA  VS.10b VA Products & Industries | ***Unit 1: Solar System***    4.5b Planets Have Characteristics and a Specific Order in the Solar System | ***Unit 2: Computation, Measurement & PFA***  **Addition & Subtraction: Practical Problems, Patterns, Equality**  4.4b Estimating Sums and Differences; Add and Subtract Whole Numbers  4.4d Create and Solve Single and Multi-step Problems  4.15 Identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.  4.16 Recognize and demonstrate the meaning of equality in an equation.  **Deriving Multiplication & Division Facts**  4.4a Demonstrate fluency with multiplication facts through 12 x 12, and the corresponding division facts. |
| **Sept. 19** | ***Reading: Unit 2 – Module 1: What Makes Us Who We Are?***  4.5d genres\*  4.5k monitor comp  4.5h conclude/infer  Prefixes un–, in–, im–  ***Writing: Fiction Writing (SOL 4.7b,m;4.8d,f,h)***  Rough Draft   * Putting It All Together * Analyzing Drafts * Revising and Editing * Pair Conferring | ***Unit 1: Virginia Geography***  VS.2b Regions of VA  VS.10b VA Products & Industries  VS.2c Water Features of VA | ***Unit 1: Solar System***    4.5c The Sizes of the Sun and Planets can be Compared to One Another. | ***Unit 2: Computation, Measurement & PFA***  **Deriving Multiplication & Division Facts**  4.4a Demonstrate fluency with multiplication facts through 12 x 12, and the corresponding division facts. |
| **Sept. 26**  **(4 days)** | ***Reading: Unit 2 – Module 1: What Makes Us Who We Are?***  4.5e narrator\*  4.5a set/char  4.5c summarize plot  ***Writing: Fiction Writing (SOL 4.7d; 4.8g)***  Completing a Final Draft   * Proofreading and Publishing | ***Unit 2: Virginia Native Peoples (SOL VS.2d-g)***  VS.2d Locate Language Groups in Virginia  VS.2e American Indians and Environment | ***Unit 1: Solar System***    4.5a-c Planet Project/Review    **Unit 1: End-of-Unit Assessment – Solar System (SOL 4.5a-c)** | ***Unit 2: Computation, Measurement & PFA***  **Deriving Multiplication & Division Facts**  4.4a Demonstrate fluency with multiplication facts through 12 x 12, and the corresponding division facts.  **Factors & Multiples**  4.5a Determine common multiples and factors, including least common multiple and greatest common factor.  **2x1 Multiplication**  4.4b Estimate and determine sums, differences, and products of whole numbers  **Multiplication & Division Practical Problems**  4.4b Estimating Products; Multiply Whole Numbers  4.4d Create and Solve Single and Multi-step Problems |
| **Oct. 3**  **(4 days)** | ***Reading: Unit 2 – Module 1: What Makes Us Who We Are?***  4.5a set/char  4.5.h conclude/infer  4.4c word-ref materials  dictionary/thesaurus\*  Prefixes mis-, pre-, dis  ***Writing: Personal Narratives (SOL 4.1a,c; 4.4e; 4.7c,e; 4.8f)***  What is a Personal Narrative?   * Exploring Personal Narrative   Exploring and Drafting Personal Narrative | ***Unit 2: Virginia Native Peoples***  VS.2f Archaeological Evidence  VS.2g Virginia Indians Today  **Unit 1 and 2: End-of-Unit Assessment – Virginia Geography & Native Peoples** | ***Unit 2: Earth-Moon-Sun Relationships (SOL 4.6a-d; 4.1 Science and Engineering Practices)***    4.6d The Relative Size, Position, Age, and Makeup of Earth, the Moon, and the Sun 4.6a The Motions of Earth, the Moon, and the Sun | ***Unit 2: Computation, Measurement & PFA***  **Multiplication & Division Practical Problems**  4.4b Estimating Products; Multiply Whole Numbers  4.4d Create and Solve Single and Multi-step Problems  **2x1 Multiplication**  4.4b Estimate and determine sums, differences, and products of whole numbers  **Patterns**  4.15 Identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.  **Equality**  4.16 Recognize and demonstrate the meaning of equality in an equation. |
| **Oct. 10** | ***Reading: Unit 2 – Module 1: What Makes Us Who We Are?***  4.5.f conflict and  resolution  4.5c summarize plot  4.5b theme  Suffixes –y, –ly  ***Writing: Personal Narratives (SOL 4.1a,c; 4.4e; 4.7c,e; 4.8f)***  What is a Personal Narrative?   * Exploring Personal Narrative   Brainstorming & Organizing | ***Unit 3: First Permanent English Settlement***  VS.3a Reasons for Colonization  VS.3b Economic and Geographical Influence on Settlement | ***Unit 2: Earth-Moon-Sun Relationships***    4.6a The Motions of Earth, the Moon, and the Sun  4.6b The Causes for Earth’s Seasons | ***Unit 2: Computation, Measurement & PFA***  **Multiplication & Division Practical Problems**  4.4b Estimating Products; Multiply Whole Numbers  4.4d Create and Solve Single and Multi-step Problems |
| **Oct. 17** | ***Reading: Unit 2 – Module 3: Rise to the Occasion***  4.5b theme  4.5g sensory\*  4.5a char/sett/plot  Suffixes –ful, –ous,  –less  ***Writing: Personal Narratives (SOL 4.7a-i,k,l; 4.8f)***  Brainstorming & Organizing   * Word Choice * Sensory Details * Transitions * Dialogue | ***Unit 3: First Permanent English Settlement***  VS.3c Virginia Company of London Charters  VS.3d Virginia Assembly | ***Unit 2: Earth-Moon-Sun Relationships***    4.6c The Causes for the Four Major Phases of the Moon and the Relationship to the Tide Cycles | ***Unit 2: Computation, Measurement & PFA***  **2x1 Multiplication**  4.4b Estimate and determine sums, differences, and products of whole numbers  **Equality**  4.16 Recognize and demonstrate the meaning of equality in an equation.  **Multiplication & Division Practical Problems**  4.4b Estimating Products; Multiply Whole Numbers  4.4d Create and Solve Single and Multi-step Problems  **Measuring with a Ruler**  4.8a estimate and measure length and describe the result in U.S. Customary and metric units  4.8d solve practical problems that involve length, weight/mass, and liquid volume in U.S. Customary units  **Perimeter & Area**  4.7 solve practical problems that involve determining perimeter and area in U.S. Customary and metric units |
| **Oct. 24**  **(4 days)** | ***Reading: Unit 2 – Module 3: Rise to the Occasion***  4.5e/i narrator LNF/F  4.5a setting and plot  4.5c summarize plot  Latin Roots vis, aud,  spec  ***Writing: Personal Narratives (SOL 4.7a-i,k,l; 4.8f)***  Rough Draft   * Analyze and Complete Drafts | ***Unit 3: First Permanent English Settlement***  VS.3e Arrival of Africans & Women  VS.3f Hardships at Jamestown  VS.3g Interaction with Native People  **Unit 3: End-of-Unit Assessment – First English Permanent Settlement (SOL VS.3a-g)** | ***Unit 2: Earth-Moon-Sun Relationships***    4.6c The Causes for the Four Major Phases of the Moon and the Relationship to the Tide Cycles    **Unit 2: End-of-Unit Assessment – Earth-Moon-Sun Relationships (SOL 4.6a-d)** | ***Unit 2: Computation, Measurement & PFA***  **Measuring with a Ruler**  4.8a estimate and measure length and describe the result in U.S. Customary and metric units  4.8d solve practical problems that involve length, weight/mass, and liquid volume in U.S. Customary units  **Perimeter & Area**  4.7 solve practical problems that involve determining perimeter and area in U.S. Customary and metric units  **PWCS: End-of-Unit 2 Assessment – *Computation, Measurement & PFA (SOL 4.4a-d; 4.5a; 4.7; 4.8ad; 4.15; and 4.16)*** |

**THEMES/UNITS:**

**PACING GUIDE 2022 – 2023**

**Grade Level Fourth Grade Second 9 Week Grading Period**

\*\*Write SOL Number and description and CFA Test Name. Each Week after you teach objective, color over block with highlighter\*\*.

For each unit of study, please include a CFA

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| **Week of:** | **Lang. Arts** | **Social Studies** | **Science** | **Math** |
| **Oct. 31**  **(4 days)** | ***Reading: Unit 2 – Module 3: Rise to the Occasion***  4.5a set/char/plot  4.5.c summarize plot  4.5h conclusions  Prefixes over–, under–  **PWCS – Unit 2: Exploring Fiction and Literary Nonfiction**  ***Writing: Personal Narratives (SOL 4.7a-i,k,l; 4.8f)***  Rough Draft   * Revise and Edit Drafts | ***Unit 4: Life in Virginia Colony***  VS.4a Agriculture & Slavery  VS.4b Culture of Colonial Virginia | ***4.1 Scientific Method***  4.1a asking questions and defining problems  4.1b planning and carrying out investigations  4.1c interpreting, analyzing, and evaluating data  4.1d constructing and critiquing conclusions and explanations  4.1e developing and using models  4.1f obtaining, evaluating, and communicating information | ***Unit 3: Data Analysis (4.14a-c)***  **Data Analysis**  4.14ab Formulate Questions; Collect Data and Organize It into Charts or Tables; Represent Data in Bar Graphs; Interpret Data Represented in Bar Graphs  4.14a Discuss Purpose and Key Features of Line Graphs |
| **Nov. 7**  **(3 days)** | ***Reading: Unit 3 – Module 2: Come to Your Senses***  4.6a text features  4.6c main idea  4.6d summarize  Latin Root lumin  4.4b syn/ant  ***Writing: Personal Narratives (SOL 4.7i-m; 4.8a-c,e,f)***  Final Draft   * Proofreading and Publishing | ***Unit 4: Life in Virginia Colony***  VS.4b Culture of Colonial Virginia  VS.4c Relocation of Virginia Capital to Williamsburg | ***4.1 Scientific Method***  4.1a asking questions and defining problems  4.1b planning and carrying out investigations  4.1c interpreting, analyzing, and evaluating data  4.1d constructing and critiquing conclusions and explanations  4.1e developing and using models  4.1f obtaining, evaluating, and communicating information | ***Unit 3: Data Analysis***  **Data Analysis**  4.14ab Formulate Questions; Collect Data and Organize It into Charts or Tables; Represent Data in Line Graphs; Interpret Data Represented in Line Graphs |
| **Nov. 14** | ***Reading: Unit 3 – Module 2: Come to Your Senses***  4.6d summarize  4.6f cause/effect  4.3a aud/visual/written media  4.4c word-ref materials: glossary  Suffixes: -ness; -ment  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Exploring Nonfiction  Looking at Mentor Texts | ***Unit 4: Life in Virginia Colony***  VS.4d Use of Money, Barter & Credit | ***Unit 3: Weather (SOL 4.4a-c; 4.1 Science and Engineering Practices)***  4.4a Weather Conditions and Phenomena (Air Masses. Cloud Types, Weather Instruments and Weather Monitoring) | ***Unit 3: Data Analysis***  **Data Analysis**  4.14c Compare Two Different Representations of the Same Data  **PWCS: End-of-Unit 3 Assessment – Data Analysis (SOL 4.14a-c)**  ***Unit 4: Multiplication, Division, Measurement and PFA (SOL 4.4a-d; 4.8b-d; 4.9; 4.15; and 4.16)***  **2x2 Multiplication**  4.4b Estimating Products; Multiply Whole Numbers |
| **Nov. 21**  **(2 days)** | ***Reading: Unit 3 – Module 2: Come to Your Senses***  4.5b theme  4.5a choice of lang  4.5f conflict/res  4.5i LNF vs NF  Suffixes –ness, –ment  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Exploring Nonfiction  Looking at Mentor Texts | ***Unit 4: Life in Virginia Colony***  VS.4e Everyday Life | ***Unit 3: Weather***  4.4a Weather Conditions and Phenomena (Air Masses. Cloud Types, Weather Instruments and Weather Monitoring) | ***Unit 4: Multiplication, Division, Measurement and PFA***  **2x2 Multiplication**  4.4b Estimating Products; Multiply Whole Numbers |
| **Nov. 28** | ***Reading: Unit 3 – Module 5: Art Everywhere***  4.5h conclude/infer  4.5j cause/effect  4.5i LNF vs NF  4.6g fact and opinion  Suffixes –ity and –ty  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  What is Informative Writing?  Informative Writing Topics | ***Unit 4: Life in Virginia Colony***  VS.4e Everyday Life  **Unit 4: End-of-Unit Assessment – Life in Virginia Colony (SOL VS.4a-e)**  ***Unit 5: Virginia in the American Revolution***  VS.5a Reasons for War with England | ***Unit 3: Weather***  4.4a Weather Measurements Create a Record That Can be Used to Make Weather Predictions | ***Unit 4: Multiplication, Division, Measurement and PFA***  **Patterns with Multiplication**  4.15 Identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.  **Equality**  4.16 Recognize and demonstrate the meaning of equality in an equation.  **Division**  4.4c Apply Strategies to Estimate and Determine Quotients with and without Remainders; Develop Division Strategies |
| **Dec. 5** | ***Reading: Unit 3 – Module 5: Art Everywhere***  4.6a text feat/main  idea  4.6 cause/effect  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Brainstorming & Organizing   * Selecting a Topic * Selecting Subtopics   Finding Online Sources | ***Unit 5: Virginia in the American Revolution***  VS.5a Reasons for War with England  VS.5b Roles of Virginians in the Revolution | ***Unit 3: Weather***  4.4b Common and Extreme Weather Events Effect Ecosystems | ***Unit 4: Multiplication, Division, Measurement and PFA***  **Division**  4.4c Apply Strategies to Estimate and Determine Quotients with and without Remainders; Develop Division Strategies  **Multiplication & Division with Practical Problems**  4.4b Estimating Products; Multiply Whole Numbers  4.4c Apply Strategies to Estimate and Determine Quotients with and without Remainders; Develop Division Strategies  4.4d Create and Solve Problems with Multiplication and Division; Interpret Remainders |
| **Dec. 12** | ***Reading: Unit 3 – Module 5: Art Everywhere***  4.6b author's purpose  4.6a text features  **PWCS – Unit 3: Exploring Nonfiction and Biography**  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Brainstorming & Organizing   * Selecting Subtopics * Finding Online Sources   Research & Notetaking | ***Unit 5: Virginia in the American Revolution***  VS.5c Yorktown Victory | ***Unit 3: Weather***  4.4c Long Term Seasonal Weather Trends Determine the Climate of a Region  **Unit 3: End-of-Unit Assessment - Weather (SOL 4.4a-c)** | ***Unit 4: Multiplication, Division, Measurement and PFA***  **Multiplication & Division with Practical Problems**  4.4b Estimating Products; Multiply Whole Numbers  4.4c Apply Strategies to Estimate and Determine Quotients with and without Remainders; Develop Division Strategies  4.4d Create and Solve Problems with Multiplication and Division; Interpret Remainders  **PWCS: Mid-Unit 4 Assessment – *Multiplication, Division, Measurement and PFA* (SOL 4.4b; 4.15; and 4.16)** |
| **Jan. 2** | ***Reading: Unit 4 – Module 7: Tricksters and Tall Tales***  4.5a lang/set/char/plot  (conclusions)  4.5j cause and effect  4.5d summarize  Suffix –ion  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Research & Notetaking   * Finding Credible and Informative Sources   Plagiarism | ***Unit 5: Virginia in the American Revolution***  VS.5d Relocation of Virginia Capital to Richmond  **Unit 5: End-of-Unit Assessment – Virginia in the American Revolution (SOL VS.5a-d)** | ***Unit 4: Living Systems and Processes - Plants and Animals (SOL 4.2a-c; 4.1 Science and Engineering Practices)***    4.2a-c Vocabulary Related to Living Systems and Processes  4.2a The Survival of Plants and Animals Depends on Photosynthesis  4.2a,c Green Plants Produce Their Own Food Through Photosynthesis; Role of Leaves | ***Unit 4: Multiplication, Division, Measurement and PFA***  **Multiplication & Division with Practical Problems**  4.4b Estimating Products; Multiply Whole Numbers  4.4c Apply Strategies to Estimate and Determine Quotients with and without Remainders; Develop Division Strategies  4.4d Create and Solve Problems with Multiplication and Division; Interpret Remainders  **Elapsed Time**  4.9 solve practical problems related to elapsed time in hours and minutes within a 12-hour period |
| **Jan. 9** | ***Reading: Unit 4 – Module 7: Tricksters and Tall Tales***  4.5h conclude/infer @  characters  4.5f conflict/resolution  4.5b theme  Prefixes mis– , pre–,  and dis–  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Research & Notetaking   * Finish Notetaking   Rough Draft   * Writing a Lead * Introducing Topic and Subtopics | ***Unit 6: Role of Virginia in New American Nation***  VS.6a Roles of Washington and Madison | ***Unit 4: Living Systems and Processes - Plants and Animals***    4.2b Plant and Animal Structures and Processes for Obtaining Energy; Animals Methods for Obtaining Food; Plant Anatomy and Functions | ***Unit 4: Multiplication, Division, Measurement and PFA***  **Weight/Mass – Customary & Metric Units**  4.8b estimate and measure weight/mass and describe the result in U.S. Customary and metric units  **Equivalent Measurements & Practical Measurement Problems**  4.8c given the equivalent measure of one unit, identify equivalent measures of length, weight/mass, and liquid volume between units within the U.S. Customary system  4.8d solve practical problems that involve length, weight/mass, and liquid volume in U.S. Customary units |
| **Jan. 16**  **(4 days)** | ***Reading: Unit 4 – Module 7: Tricksters and Tall Tales***  4.5j cause and effect  4.5.b theme(s)  4.5d summarize  Compare stories  Prefixes mis– ,  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Rough Draft   * Body Paragraphs   Conclusion | ***Unit 6: Role of Virginia in New American Nation***  VS.6b Ideas of Mason & Jefferson | ***Unit 4: Living Systems and Processes - Plants and Animals***    4.2c Plant and Animal Structures and Processes for Creating Offspring; For Populations to Thrive, They Must be Able to Reproduce; Reproduction in Flowering Plants; Pollination | ***Unit 4: Multiplication, Division, Measurement and PFA***  **Equivalent Measurements & Practical Measurement Problems**  4.8c given the equivalent measure of one unit, identify equivalent measures of length, weight/mass, and liquid volume between units within the U.S. Customary system  4.8d solve practical problems that involve length, weight/mass, and liquid volume in U.S. Customary units  **PWCS: End-of-Unit 4 Assessment – *Multiplication, Division, Measurement and PFA (SOL 4.4a-d; 4.8b-d; 4.9; 4.15; and 4.16)*** |
| **Jan. 23**  **(4 ½ days)** | ***Reading: Unit 4 – Module 7: Tricksters and Tall Tales***  4.5h conclude/infer  4.5j cause and effect  4.5a lang/set/char/  plot  4.4b homophones  Suffixes –ity, –ty  **PWCS – Unit 4: Genre Study: Folklore Fun**  ***Writing: Informative Writing (SOL 4.1a; 4.3a,b; 4.4e; 4.7a-h,k-m; 4.8; 4.9a-f)***  Revising and Editing  Final Draft | ***Unit 6: Role of Virginia in New American Nation***  VS.6c Geography, Technology & Westward Movement  **Unit 6: End-of-Unit Assessment – Role of Virginia in New American Nation (SOL VS.6a-c)** | ***Unit 4: Living Systems and Processes - Plants and Animals***    4.2c Plant and Animal Structures and Processes for Creating Offspring; Animal Internal and External Structures That Serve Various Functions in Growth, Survival, Behavior, and Reproduction    **Unit 4: End-of-Unit Assessment – Living Systems and Processes – Plants and Animals (SOL 4.2a-c)** | ***Unit 5: Geometry (4.10ab; 4.11; 4.12; and 4.15)***  **Geometry Vocabulary and Notation**  4.10a Identify and Describe Points, Lines, Line Segments, Rays, and Angles  4.10b Parallel, Perpendicular, and Intersecting Lines  **Quadrilaterals**  4.12 Defining and Sorting Types of Quadrilaterals |
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**THEMES/UNITS:**

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| --- | --- | --- | --- | --- |
| **Week of:** | **Lang. Arts** | **Social Studies** | **Science** | **Math** |
| **Jan. 30**  **(4 days)** | ***Reading: Unit 5 – Module 6: Marvels of Nature***  4.6a text feat  4.6c main idea  ***Writing: Opinion Writing (SOL 4.1a,d,e,f; 4.2c,d; 4.4e; 4.7j)***  What is Opinion Writing?   * Exploring Opinion Writing   Exploring and Drafting Opinion Writing | ***Unit 7: Civil War***  VS.7a Events Leading to Secession | ***4.1 Scientific Method***  Review 4.1a-e  Scientific Experiments/Presentations | ***Unit 5: Geometry***  **Quadrilaterals**  4.12 Defining and Sorting Types of Quadrilaterals  **Compare/Contrast 2D & 3D Shapes**  4.11 Identify and Describe Plane and Solid Figures; Compare and Contrast Plane and Solid Figures |
| **Feb. 6** | ***Reading: Unit 5 – Module 6: Marvels of Nature***  ***A Nation of Parks (Level O)***  4.6b authors purpose  4.6d summarize  4.6g fact and opinion  ***Writing: Opinion Writing (SOL 4.1a,d,e,f; 4.2c,d; 4.4e; 4.7j)***  What is Opinion Writing?   * OREO Method   Continue Exploring and Drafting Opinion Writing | ***Unit 7: Civil War***  VS.7a Events Leading to Secession  VS.7b Role of Virginia in Civil War | ***4.1 Scientific Method***  Review 4.1a-e  Scientific Experiments/Presentations | ***Unit 5: Geometry***  **Compare/Contrast 2D & 3D Shapes**  4.11 Identify and Describe Plane and Solid Figures; Compare and Contrast Plane and Solid Figures  **Geometric Patterns**  4.15 Identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.  **PWCS: End-of-Unit 5 Assessment – Geometry (SOL 4.10ab; 4.11; 4.12; and 4.15)** |
| **Feb. 13** | ***Reading: Unit 5 – Module 6: Marvels of Nature***  ***The Great Barrier Reef (Level P)***  4.6b authors purpose  4.6f cause and effect  ***Writing: Opinion Writing (SOL 4.1a,d,e,f; 4.2c,d; 4.4e; 4.7j)***  What is Opinion Writing?   * Exploring Opinion Writing   Brainstorming & Organizing | ***Unit 7: Civil War***  VS.7b Role of Virginia in Civil War | ***Unit 5: Ecosystems (SOL 4.3a-d; 4.1 Science and Engineering Practices)***  4.3a Interrelationships Exist in Populations, Communities, and Ecosystems  4.3b Food Webs Show the Flow of Energy within an Ecosystem | ***Unit 6: Fractions & Probability (SOL 4.2a-c; 4.5a-c; 4.13a-c; and 4.15)***  **Fraction Review**  3.2a name and write fractions and mixed numbers represented by a model;  3.2b represent fractions and mixed numbers with models and symbols; and  3.2c compare fractions having like and unlike denominators, using words and symbols (>, <, =, or ≠), with models  **Fraction as Division**  4.2c identify the division statement that represents a fraction, with models and in context  **Equivalent Fractions of ½ and 1; Benchmarking to ½ and 1**  4.2a Compare and Order Fractions Using Half as a Benchmark; Using Other Benchmarks; and Comparing the Number or Size of the Parts  4.2b Represent Equivalent Fractions Using Models |
| **Feb. 20**  **(4 days)** | ***Reading: Unit 5 – Module 6: Marvels of Nature***  4.5h conclude/infer  4.5d summarize  **PWCS – Unit 5: Writing about Science**  ***Writing: Opinion Writing (SOL 4.1a,d,e,f; 4.2c,d; 4.4e; 4.7a-g,i,j)***  Brainstorming & Organizing | ***Unit 7: Civil War***  VS.7c Role of Virginians  **Unit 7: End-of-Unit Assessment – Civil War (SOL VS.7a-c)** | ***Unit 5: Ecosystems***  4.3b Food Webs Show the Flow of Energy within an Ecosystem | ***Unit 6: Fractions & Probability***  **Determine Likelihood & Represent Probability as a Number**  4.13a Develop Probability Vocabulary  4.13ab Represent Probability on a Likelihood Line; Model and Determine All Possible Outcomes of an Event  **Practical Problems with Probability**  4.13c Model and Create Problems to Represent a Given Probability |
| **Feb. 27** | ***Reading: Unit 6 – Paired Passages; Poetry and Functional Text***  4.5e narrator  4.5d summarize  4.6b author's purpose  4.6g fact/opinion  ***Writing: Opinion Writing (SOL 4.6g; 4.7d-l)***  Rough Draft   * Writing a Lead   Stating Your Opinion | ***Unit 8: Reconstruction of Virginia***  VS.8a Effects of Reconstruction | ***Unit 5: Ecosystems***  4.3c Changes in an Organism’s Niche and Habitat May Occur at Various Stages in its Life Cycle | ***Unit 6: Fractions & Probability***  **Practical Problems with Probability**  4.13c Model and Create Problems to Represent a Given Probability  **Comparing Fractions with Common Denominators**  4.2a Compare and Order Fractions Using Half as a Benchmark; Using Other Benchmarks; and Comparing the Number or Size of the Parts  **Least Common Multiple**  4.5a determine common multiples and factors, including least common multiple and greatest common factor  **Representing Equivalent Fractions**  4.2b represent equivalent fractions  **Using Equivalent Fractions to Compare**  4.2a compare and order fractions and mixed numbers, with and without models |
| **March 6** | ***Reading: Unit 6 – Paired Passages; Poetry and Functional Text***  4.5e narrator  4.5d summarize  4.6c main idea  4.6f cause/effect  ***Writing: Opinion Writing (SOL 4.6g; 4.7d-l)***  Rough Draft  Body Paragraphs | ***Unit 8: Reconstruction of Virginia***  VS.8b Effects of Segregation & “Jim Crow” | ***Unit 5: Ecosystems***  4.3d Classification Can be Used to Identify Organisms  **Unit 5: End-of-Unit Assessment – Ecosystems (SOL 4.3a-d)** | ***Unit 6: Fractions & Probability***  **Least Common Multiple**  4.5a determine common multiples and factors, including least common multiple and greatest common factor  Representing Equivalent Fractions  4.2b represent equivalent fractions  Using Equivalent Fractions to Compare  4.2a compare and order fractions and mixed numbers, with and without models  **Comparing Fractions Using: Common Numerator and One-Missing Piece**  4.2a compare and order fractions and mixed numbers, with and without models  **Ordering Fractions**  4.2a compare and order fractions and mixed numbers, with and without models |
| **March 13** | ***Reading: Unit 6 – Paired Passages; Poetry and Functional Text***  4.5f conflict/resolution  4.5h conclusions  4.6a text features  4.6e conclusions  ***Writing: Opinion Writing (SOL 4.6g; 4.7d-l)***  Rough Draft   * Body Paragraphs   Conclusion | ***Unit 8: Reconstruction of Virginia***  VS.8c Economic Development in Virginia  **Unit 8: End-of-Unit Assessment – Reconstruction of Virginia (SOL VS.8a-c)** | ***Unit 6: Ocean Environment (SOL 4.7a-c; 4.1 Science and Engineering Practices)***  4.7a-c Vocabulary Related to Earth’s Oceans  4.7a Geology of the Ocean Floor; Sediments; Depth of Ocean Varies | ***Unit 6: Fractions & Probability***  **Ordering Fractions**  4.2a compare and order fractions and mixed numbers, with and without models  **PWCS: Mid-Unit 6 Assessment – *Fractions & Probability* (SOL 4.2ab; 4.5a; and 4.13)**  **Adding & Subtracting Fractions with Practical Problems**  4.5b add and subtract fractions and mixed numbers having like and unlike denominators  4.5c solve single-step practical problems involving addition and subtraction with fractions and mixed numbers |
| **March 20** | ***Reading: Unit 6 – Paired Passages; Poetry and Functional Text***  4.5e narrator  4.5h draw conclusions  4.6b author's purpose  4.6e draw conclusions  ***Writing: Opinion Writing (SOL 4.1c,e,g; 4.2b-e; 4.6g; 4.7i-m; 4.8a-h)***  Rough Draft   * Revising and Editing Draft   Final Draft | ***Unit 9: Virginia in the 20th & 21st Centuries***  VS.9a Industrialization in Virginia  VS.9b Women’s Suffrage and the Great Depression | ***Unit 6: Ocean Environment***  4.7b Physical Properties and Movement of Ocean Water; Mixture of Gases, Water, and Dissolved Solids; Salinity; Currents and Mixing of Ocean Waters; Gulf Stream; and Navigation Routes | ***Unit 6: Fractions & Probability***  **Adding & Subtracting Fractions with Practical Problems**  4.5b add and subtract fractions and mixed numbers having like and unlike denominators  4.5c solve single-step practical problems involving addition and subtraction with fractions and mixed numbers |
| **March 27** | ***Reading: Unit 6 – Paired Passages; Poetry and Functional Text***  **PWCS – Unit 6: Poetry and Paired Passages**  ***Writing: Poetry Writing (SOL 4.7b,e,i,l)***  Exploring Poetry Writing   * Cinquains * Couplets/Triplets | ***Unit 9: Virginia in the 20th & 21st Centuries***  VS.9a Industrialization in Virginia  VS.9b Women’s Suffrage and the Great Depression | ***Unit 6: Ocean Environment***  4.7b Physical Properties and Movement of Ocean Water; Effect on Plant and Animal Populations  4.7a-c Ecological Characteristics of the Ocean (Types of Organisms & Depth of Water) | ***Unit 6: Fractions & Probability***  **Adding & Subtracting Fractions with Practical Problems**  4.5b add and subtract fractions and mixed numbers having like and unlike denominators  4.5c solve single-step practical problems involving addition and subtraction with fractions and mixed numbers  **Simplifying Fractions with Greatest Common Factor**  4.5a determine common multiples and factors, including least common multiple and greatest common factor |

**THEMES/UNITS:**

**PACING GUIDE 2022 – 2023**

**Grade Level Fourth Grade Fourth 9 Week Grading Period**

\*\*Write SOL Number and description and CFA Test Name. Each Week after you teach objective, color over block with highlighter\*\*.

For each unit of study, please include a CFA.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week of:** | **Lang. Arts** | **Social Studies** | **Science** | **Math** |
| **April 10** | ***Reading: Unit 6 – Paired Passages; Poetry and Fiction/Nonfiction from Common Literature***  Strategy Groups  SOLs dependent of  student data  ***Writing: Poetry Writing (SOL 4.7b,e,l)***  Exploring Poetry Writing   * Concrete/Shape Poems * Haikus | ***Unit 9: Virginia in the 20th & 21st Centuries***  VS.9c Desegregation in Virginia  VS.9d Political, Social, Economic Impact of Virginians | ***Unit 6: Ocean Environment***  4.7c Interactions of Organisms in the Ocean; Plants and floating Organisms; Grouped According to Movement; Role in Ocean Food Chains  ***Unit 6: End-of-Unit Assessment – Ocean Environment (SOL 4.7a-c)*** | ***Unit 6: Fractions & Probability***  **Patterns with Fractions**  4.15 identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables  **PWCS: End-of-Unit 6 Assessment – *Fractions & Probability* (SOL 4.2a-c; 4.5a-c; 4.13a-c; and 4.15)**  ***Unit 7: Decimals (SOL 4.3a-d and 4.6a,b)***    **Decimal Place Value**  4.3a Model, Read, Write, and Identify Decimals Expressed Through Thousandths |
| **April 17**  **(4 days)** | ***Reading: Unit 6 – Paired Passages; Poetry and Fiction/Nonfiction from Common Literature***  Strategy Groups  SOLs dependent of  student data  ***Writing: Poetry Writing (SOL 4.7e,f)***  Exploring Poetry Writing   * Alphabet Aliteration Poems * Acrostic Poems | ***Unit 9: Virginia in the 20th & 21st Centuries***  VS.9c Desegregation in Virginia  VS.9d Political, Social, Economic Impact of Virginians  **Unit 9: End-of-Unit Assessment – Virginia in the 20th & 21st Centuries (SOL VS.9a-d)** | ***Unit 7: Virginia’s Natural Resources (SOL 4.8a-d; 4.1 Science and Engineering Practices)***  4.8a-d Natural Resources vs. Man Made Resources  4.8a Virginia’s Watersheds and Water Resources  Student Safety Agreement | ***Unit 7: Decimals***  **Decimal Place Value**  4.3a Model, Read, Write, and Identify Decimals Expressed Through Thousandths   **Compare & Order Decimals**  4.3c Compare Two Decimals Through Thousandths; Order a Set of up to Four Decimals Through Thousandths |
| **April 24** | ***Reading: Unit 6 – Paired Passages; Poetry and Fiction/Nonfiction from Common Literature***  Strategy Groups  SOLs dependent of  student data  ***Writing: Poetry Writing (SOL 4.7l,m; 4.8e,g)***  Exploring Poetry Writing   * Bio-Poems * Limericks   Preparing for Poetry Slam! | ***Unit 10: Government and Economics of Virginia***  VS.10a Government in Virginia | ***Unit 7: Virginia’s Natural Resources***  4.8a Virginia’s Watersheds and Water Resources; Watershed Address  4.8b Virginia’s Plants and Animals | ***Unit 7: Decimals***  Rounding Decimals to Whole Numbers  4.3b Round Decimals to the Nearest Whole Number  Fraction & Decimal Equivalence  4.3d Model Fraction and Decimal Equivalents; Given a Model, Write Fraction and Decimal Equivalents |
| **May 1** | ***Reading: Unit 6 – Paired Passages; Poetry and Fiction/Nonfiction from Common Literature***  Strategy Groups  SOLs dependent of  student data  ***Writing: Poetry Writing (SOL 4.7l,m; 4.8e,g)***  Exploring Poetry Writing   * Free Verse * Wrap Up   Poetry Slam!  Review/Focus on Test Taking Strategies for SOL Reading Test | ***Unit 10: Government and Economics of Virginia***  VS.10b Virginia Products and Industries  VS.10c Virginia & Global Economy | ***Unit 7: Virginia’s Natural Resources***  4.8b Virginia’s Plants and Animals  4.8c Virginia’s Minerals, Rocks, and Ores | ***Unit 7: Decimals***  Fraction & Decimal Equivalence  4.3d Model Fraction and Decimal Equivalents; Given a Model, Write Fraction and Decimal Equivalents  Adding & Subtracting Decimals with Practical Problems  4.6a Add and Subtract Decimals with and without Models  4.6b Solve Single-step and Multi-step Problems Involving Addition and Subtraction of Decimals  **PWCS: End-of-Unit 7 Assessment – *Decimals (SOL 4.3a-d and 4.6a,b)*** |
| **May 8** | ***Reading: Unit 7 – PWCS Author Study***  What is an Author  Study? (SOL 4.4e,  4.5bh)  ***Writing: Functional Writing (SOL 4.7l,m; 4.8e,g)***  Explore Functional Writing   * Direction Writing for Sandwiches/Recipes   Review/Focus on Test Taking Strategies for SOL Reading Test | ***Unit 10: Government and Economics of Virginia***  VS.10c Virginia & Global Economy  **Unit 10: End-of-Unit Assessment - Government & Economics of Virginia (SOL VS.10a-c)** | ***Unit 7: Virginia’s Natural Resources***  4.8d Virginia’s Forests, Soil, and Land  **Unit 7: End-of-Unit Assessment - Virginia’s Natural Resources (SOL 4.8a-d)**  **4.8 a-d Virginia’s Natural Resources Project** | Review for SOL, Reteach, Extend |
| **May 15** | ***Reading: Unit 7 – PWCS Author Study***  Choosing an Author  and Developing  Questions in an Author  Study (SOL 4.6bce)  ***Writing: Functional Writing (SOL 4.7b-d,g; 4.9a,b)***  Explore Functional Writing   * Writing Directions * Sequencing   Review/Focus on Test Taking Strategies for SOL Reading Test | SOL Review and Testing | SOL Review and Testing | Ongoing Practice, Extension, and Review and Testing |
| **May 22** | ***Reading: Unit 7 – PWCS Author Study***  Revising and Elaborating Author Study (SOL 4.5bcf; 4.6cd; 4.9e)  ***Writing: Functional Writing (SOL 4.7i,m; 4.8c,d,g; 4.9e)***  Game Direction Ideas   * Exploring Ideas * Critiquing Different Types of Directions * Drafting Directions   Review/Focus on Test Taking Strategies for SOL Reading Test | SOL Review and Testing | SOL Review and Testing | Ongoing Practice, Extension, and Review and Testing |
| **May 29**  **(4 days)** | ***Reading: Unit 7 – PWCS Author Study***  Workshop Wrap Up (SOL 4.1af; 4.2cde)  ***Writing: Functional Writing (SOL 4.7i,m; 4.8c,d,g; 4.9e)***  Game Directions   * Revising and Editing Directions * Conferring with Others | Geography Preparation for 5th Grade Curriculum: Globe and Map Work | ***Unit 7: Virginia’s Natural Resources***  Finish:  **4.8 a-d Virginia’s Natural Resources Project** | SOL Testing & Retakes  Preparation for 5th grade curriculum |
| **June 5** | ***Reading: Wrap Up and Review***  ***Writing: Functional Writing (SOL 4.7i,m; 4.8c,d,g; 4.9e)***  Game Directions   * Publishing Directions * Playing Published Games | Geography Preparation for 5th Grade Curriculum: Globe and Map Work | ***Family Life Education (FLE)***  Teachers shall use only Division-approved instructional materials provided via Canvas modules and posted on the PWCS Sharepoint platform. | Preparation for 5th grade curriculum |
| **June 12**  **(4 days)** | ***Reading: Wrap Up and Review***  ***Writing: Functional Writing (SOL 4.7i,m; 4.8c,d,g; 4.9e)***  Game Directions   * Publishing Directions   Playing Published Games | Geography Preparation for 5th Grade Curriculum: Globe and Map Work | Review (for 5th grade science SOL next year)  Preparation for 5th grade curriculum | Preparation for 5th grade curriculum |

**THEMES/UNITS:**