

Kindergarten

First Quarter Overview			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • We are all writers, writing teaching books, writing stories and publishing • Learn-about-the world books and reading old favorites • Getting to know the alphabet, your name, and star names 	<ul style="list-style-type: none"> • Counting Sets up to 20 • Read, write and represent numbers 0-20 • Count by 1's to 100 • Count by 10's to 100 • Count backwards from 10 • Compare sets 	<ul style="list-style-type: none"> • The 5 Senses • Earth and Space Systems • Weather 	<ul style="list-style-type: none"> • Communities • Citizenship • Maps and globes • Past and present

Second Quarter Overview			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Writing is a way to show-and-tell, writing show-and-tell-books, and using patterns in show-and-tell-books • Using super powers to look and point, taking on hard words, bringing books to life, • Studying the alphabet chart, using the alphabet to write, high frequency words 	<ul style="list-style-type: none"> • Patterns • Sort and Classify Objects • Shapes 	<ul style="list-style-type: none"> • Differences between living systems and processes • Plants and animal needs 	<ul style="list-style-type: none"> • US symbols and events • Map skills • Loudoun historical leaders

Third Quarter Overview

Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Writing for readers, tools for writers, revising and preparing for publication • Tackling more challenging books, zooming in on letters and sounds, becoming stronger readers • Writing power, word-parts, snap words, and digraphs 	<ul style="list-style-type: none"> • Comparing measurements (length, height, weight, temperature, volume, time) • interpreting a calendar • coins - penny, nickel, dime, quarter • graphing 	<ul style="list-style-type: none"> • Force, motion, energy, push and pull • Matter • Water properties 	<ul style="list-style-type: none"> • Positional words; Here/there; front/behind; near/far; right/left • Virginia waterways • Digital citizenship • Community helpers • Loudoun County historical figures • William Horace Ash • Westmoreland Davis

Fourth Quarter Overview

Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Writing how-to books, using mentor texts, keeping readers in mind, giving how-to books to others • Becoming an avid reading, learning from All-About books, falling in love with poetry • Vowels in every word, short-vowel sounds, vowels in bigger words 	<ul style="list-style-type: none"> • Fluency part - whole relationships to 5 • Fluency part - whole relationships to 10 • Fractions ($\frac{1}{2}$) sharing objects between 2 sharers • Addition and subtraction using story problems 	<ul style="list-style-type: none"> • Earth and space systems • Shadows • Earth resources • Recycling 	

First Grade

First Quarter Overview			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Building Good Reading Habits • Small Moments: Writing with Focus, Detail, and Dialogue • Vowel Power • Talking and Thinking about Letters 	<ul style="list-style-type: none"> • Counting, Comparing, and Representing Quantities 	<ul style="list-style-type: none"> • Scientific Investigation • Living Systems and Processes 	<ul style="list-style-type: none"> • Civics and Economics • Geography • History

Second Quarter Overview			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Word Detectives • Learning About the World: Reading Nonfiction • Nonfiction Chapter Books • Writing Reviews • The Mystery of the Silent e 	<ul style="list-style-type: none"> • Using Attributes to Compare, Sort, and Order • Using Data to Describe My World • Noticing, Describing, and Creating Patterns 	<ul style="list-style-type: none"> • Scientific Investigation • Living Systems and Processes • Earth and Space Systems 	<ul style="list-style-type: none"> • Civics and Economics • Geography • History

Third Quarter Overview			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Readers Have Big Jobs to Do: Fluency, Phonics, and Comprehension • From Scenes to Series: Writing Fiction • From Tip to Tail: Reading Across Words 	<ul style="list-style-type: none"> • Using Whole Numbers to Measure and Describe My World 	<ul style="list-style-type: none"> • Scientific Investigation • Weather and Seasonal Change • Force, Motion, and Energy 	<ul style="list-style-type: none"> • Geography/Location • Civics • Economics • History

Fourth Quarter Overview			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Meeting Characters and Learning Lessons: A Study of Story Elements • From Scenes to Series: Writing Fiction • Word Builders: Using Vowel Teams to Build Big Words • Marvelous Bloopers: Learning through Wise Mistakes 	<ul style="list-style-type: none"> • Understanding and Using Number Relationships to Solve Problems • Understanding Parts of a Whole 	<ul style="list-style-type: none"> • Matter • Earth Resources 	<ul style="list-style-type: none"> • Geography • Civics • Economics • History

2nd Grade

<u>First Quarter Overview</u>			
<u>Language Arts</u>	<u>Math</u>	<u>Science</u>	<u>Social Studies</u>
<ul style="list-style-type: none"> • Second Grade Reading Growth Spurt • Revving Up Writing Muscles • Word Builders 	<ul style="list-style-type: none"> • Number Talks • Determining & Representing Quantities • Identifying, Comparing, & Ordering Quantities 	<ul style="list-style-type: none"> • Scientific Investigations • Habitats/Fossils • Life Cycles: Butterfly, Plants, White-Tailed Deer 	<ul style="list-style-type: none"> • Civics: Local & State • Economics • Geography • History: Famous Americans

<u>Second Quarter Overview</u>			
<u>Language Arts</u>	<u>Math</u>	<u>Science</u>	<u>Social Studies</u>
<ul style="list-style-type: none"> • Becoming Experts Reading Non-Fiction • Growing Word Solving Muscles • How-to Guide for Non-Fiction Writing • Tackling Multisyllabic Words (begin) • Growing into Phonics 	<ul style="list-style-type: none"> • Number Talks • Developing Computational Fluency & Solving Problems 	<ul style="list-style-type: none"> • Scientific Investigations • States of Matter • Seasonal Changes: Winter, Hibernation, Migration, etc 	<ul style="list-style-type: none"> • Civics & Economics • Geography: Basic Maps • History: Native Americans

Third Quarter Overview

<u>Language Arts</u>	<u>Math</u>	<u>Science</u>	<u>Social Studies</u>
<ul style="list-style-type: none">• Growing Word Solving Muscles• Bigger Books means Ramping up Reading• Writing About Reading• Tackling Multisyllabic Words• Word Builders (begin)	<ul style="list-style-type: none">• Number Talks• Noticing, Describing, & Creating Patterns• Using Data to Describe My World• Naming, Representing & Comparing Parts of a Whole	<ul style="list-style-type: none">• Scientific Investigations• Magnets/Forces	<ul style="list-style-type: none">• Geography• Economics• Communities

Fourth Quarter Overview

<u>Language Arts</u>	<u>Math</u>	<u>Science</u>	<u>Social Studies</u>
<ul style="list-style-type: none">• Poetry, Fairy Tales• Series Book Clubs• Poetry Writing• From Scenes to Series• Word Collectors/Builders	<ul style="list-style-type: none">• Number Talks• Using Measurement to Describe My World• Describing the figures in My World	<ul style="list-style-type: none">• Scientific Investigations• Seasonal Changes: Spring• Plants• Weather• Nutrition & Body Systems (Health)	<ul style="list-style-type: none">• Geography Skills: Virginia/U.S./World• Canada/Mexico

3rd Grade

First Quarter			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Writing: Personal Narrative Writing • Reading: Building a Reading Life 	<ul style="list-style-type: none"> • Place Value • Comparing and Ordering Numbers • Rounding • Addition 	<ul style="list-style-type: none"> • Matter and Matter Performance Assessment • Water Cycle 	<ul style="list-style-type: none"> • Civics and Economy • Good Citizen • Continents & • Continents Physical Features

Second Quarter			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Writing: Informational Writing & Persuasive Writing • Reading: Nonfiction Unit & Mystery Unit 	<ul style="list-style-type: none"> • Subtraction • Estimating Sums and Differences • Probability and Statistics • Multiplication/Division 	<ul style="list-style-type: none"> • Animals Adaptations • Terrestrial and Aquatic Ecosystems / Food Chains • Living Systems Performance Assessment 	<ul style="list-style-type: none"> • Ancient China • Ancient Egypt

Third Quarter

Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Writing: Changing the World: Persuasive Speeches & Writing About Research • Reading: Character Studies & Research Clubs 	<ul style="list-style-type: none"> • Division • Measurement • Money • Fractions 	<ul style="list-style-type: none"> • Soil • Soil Performance Assessment • Natural and Human Impacts on the Environment 	<ul style="list-style-type: none"> • Ancient Mali • Ancient Greece • Ancient Rome • Opportunity Cost • Ancient Economies Performance Assessment

Fourth Quarter

Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Writing: Poetry & Once Upon a Time: Adapting and Writing Fairy Tales • Reading: Test Prep & Fairy Tales 	<ul style="list-style-type: none"> • Fractions • Geometry • Polygons 	<ul style="list-style-type: none"> • Simple and Compound Machines • Simple and Compound Machines Performance Assessment 	<ul style="list-style-type: none"> • Rights and Responsibilities • Diversity • Exploring Ancient Civilizations Performance Assessment

4th Grade

First Quarter Overview				
Reading	Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> Interpreting Characters: The Heart of the Story (Fiction) 	<ul style="list-style-type: none"> The Arc of the Story: Writing Realistic Fiction Writing process Word Study 	<ul style="list-style-type: none"> Place Value and Number Sense Addition and Subtraction: Computation and Estimation of Whole Numbers 	<ul style="list-style-type: none"> Scientific Method and The Engineering Design Process 	<ul style="list-style-type: none"> Map Skills and Geography of Virginia Eastern Woodland Indians Virginia Studies Weekly

Second Quarter Overview				
Reading	Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> Reading the Weather (non-fiction) 	<ul style="list-style-type: none"> Boxes and Bullets: Personal and Persuasive Essays Writing process Word Study 	<ul style="list-style-type: none"> Multiples and Factors Multiplication and Division: Computation and Estimation of Whole Numbers 	<ul style="list-style-type: none"> Virginia Resources 	<ul style="list-style-type: none"> Jamestown (Virginia Colony) Colonial Life (A Growing Virginia) Virginia Studies Weekly

Third Quarter Overview

Reading	Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Reading History the American Revolution 	<ul style="list-style-type: none"> • Bringing History to Life • Writing process • Word Study 	<ul style="list-style-type: none"> • Fractions and Decimals: Number Sense • Fractions and Decimal: Computation and Estimation • Measurement 	<ul style="list-style-type: none"> • Weather • Planets • Earth Sun and Moon 	<ul style="list-style-type: none"> • Virginia Revolution • Building A New Nation • Virginia Studies Weekly

Fourth Quarter Overview

Reading	Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Historical Fiction Book Clubs • SOL Review 	<ul style="list-style-type: none"> • Literary Essay (Writing About Fiction) • Writing process • Word Study 	<ul style="list-style-type: none"> • Elapsed Time • Geometry • Probability and Statistics • Patterns and Algebraic Functions • SOL Review 	<ul style="list-style-type: none"> • Ecosystems • Plant Anatomy • Oceans 	<ul style="list-style-type: none"> • Civil War • Reconstruction • 20th Century Virginia • SOL Review

5th Grade

First Quarter Overview: Exploration			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Building an Independent Reading Life • Following Characters into Meaning • Exploring and Writing Personal Narratives • Communication Book Clubs 	<ul style="list-style-type: none"> • Number Talks: Problem Solving • Number Sense using whole numbers • Whole number operations and applications • Patterns and Properties 	<ul style="list-style-type: none"> • Earth's Structure & Earth's Surfaces • Plants • Rocks & Rock Cycle • Plate Tectonics • Water Cycle 	<ul style="list-style-type: none"> • Map Skills • Regions: (Northeast & Southeast) • Natural Resources

Second Quarter Overview: Balance			
Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Exploring Nonfiction • Information Based Writings • Communications 	<ul style="list-style-type: none"> • Number Talks: Problem Solving and Elapsed Time • Graphs • Whole Number Operations and applications • Word Problems • Data and Statistics • Rational Numbers 	<ul style="list-style-type: none"> • Weather • Earth/Moon/ Sun • Oceans • Sound/ Light 	<ul style="list-style-type: none"> • Regions: (Southwest & West) • Colonial Life • Jamestown/ Revolutionary War Preliminary

Third Quarter Overview: Revolution

Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Non Fiction Research Projects • Book Clubs • Communication 	<ul style="list-style-type: none"> • Number Talks: Problem Solving and Elapsed Time • Rational Number Operations • Probability and Data • Classifying and Subdividing Geometric Figures 	<ul style="list-style-type: none"> • Cells and Organisms • Animal & Plant cells • Living Systems 	<ul style="list-style-type: none"> • Regions: (Midwest & Northwest) American Revolution • Political Growth • Government • Economics

Fourth Quarter Overview: Cause & Effect

Language Arts	Math	Science	Social Studies
<ul style="list-style-type: none"> • Interpretation Text • Test Prep • Independent Writing Project • Communication 	<ul style="list-style-type: none"> • Number Talks: Problem Solving and Elapsed Time • Patterns and Measurement • Plane Geometry and Transformations • Data and Statistics • SOL Review 	<ul style="list-style-type: none"> • Sound/ Light • Motion • Electricity • Matter • *Bonus* Periodic Table & Chemistry if time permits, Middle school organizing & prep. 	<ul style="list-style-type: none"> • Spiral Review • Civil War • Reconstruction • 20th Century Virginia