

4th Grade Curriculum Guide - 2nd Quarter

Reading

Foundational Language: use context within and beyond a sentence to determine the relevant meaning of unfamiliar words or MM words

Comprehension: make inferences & use text evidence to support understanding

Multiple Genres: recognize characteristics and structures of informational texts including the central idea with supporting evidence 4.9Di; recognize characteristics and structures of informational texts including organizational patterns such as compare and contrast

Author's Purpose and Craft: explain how the use of text structure contributes to the author's purpose

Grammar

Compound Sentences (FANBOYS)

Adverbs that convey frequency

Edit for **Adverbs** that convey degree

Edit for **capitalization** of historical periods, events, and documents; titles of books; stories and essays

Writing

Generating Ideas for Active Nonfiction

Narrowing Down Ideas and Trying Out Different Categories

Choosing an Overall Structure

Getting Ready to Draft

Science

Electricity, Conductors, and Insulators

Investigating Forces

The Sun and the Water Cycle

Weather

Earth's Resources and Conservation of Natural Resources

Scientific Investigation and Reasoning will be incorporated into all content standards where appropriate

Math

Multiplying Whole Numbers (5 days)

- solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders

Dividing Whole Numbers (14 days)

- represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations
- use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one-digit divisor
- round to the nearest 10, 100, or 1,000 or use compatible numbers to estimate solutions involving whole numbers
- solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders

Describing Patterns and Relationships (10 days)

- represent multi-step problems involving the four operations with whole numbers using strip diagrams and equations with a letter standing for the unknown quantity
- represent problems using an input-output table and numerical expressions to generate a number pattern that follows a given rule representing the relationship of the values in the resulting sequence and their position in the sequence
- determine products of a number and 10 or 100 using properties of operations and place value understandings
- convert measurements within the same measurement system, customary or metric, from a smaller unit into a larger unit or a larger unit into a smaller unit when given other equivalent measures represented in a table

- solve problems that deal with measurements of length, intervals of time, liquid volumes, mass, and money using addition, subtraction, multiplication, or division as appropriate

Personal Financial Literacy (9 days)

- distinguish between fixed and variable expenses
- calculate profit in a given situation
- compare the advantages and disadvantages of various savings options
- describe how to allocate weekly allowance among spending, saving, including for college; and sharing
- describe the basic purpose of financial institutions, including keeping money safe, borrowing money, and lending