

WELCOME to Fourth GRADE

We are extremely excited to have you with us this year! Fourth grade is a year of unprecedented growth for our students. This brochure will provide you with the fourth grade curriculum expectations for our district. We hope you will become familiar with the learning goals. Together, we can prepare our children for successful futures.

Social Studies

- Demonstrates knowledge of facts and understanding of unit core ideas:
 1. American Citizenship
 2. Civics, Government, and Human Rights
 3. Geography, People, and the Environment
 4. Economics, Innovations and Technology
 5. History, Culture, and Perspective
- Draws on information from multiple print and digital sources demonstrating the ability to locate an answer to a question or solve a problem

Science

- Demonstrates knowledge of facts and understanding on unit core ideas:
 - Soil, Rocks, and Landforms
 - Energy
 - Environments
- Engages in scientific and engineering practices
- Makes connections across scientific disciplines using patterns, cause and effect and quantitative measures
- Participates productively in lessons and hands-on activities while maintaining a science notebook



GRADE 4

CURRICULUM EXPECTATIONS
2017 - 2018



ROXBURY PUBLIC SCHOOLS

Preparing the children of today for tomorrow...

Reading

Knows and applies grade-level phonics and word analysis skills in decoding words
Reads with sufficient accuracy and fluency to support comprehension of grade level texts
Refers to details and examples in a text when the text says explicitly and when drawing inferences from the text
Determines a theme of a story, drama, or poem from details in the text
Summarizes the text
Describes in depth a character, setting, or event in a story or drama drawing on specific details from the text
Compares and contrasts similar themes and topics and patterns of events

Speaking and Listening

- Clearly expresses ideas and builds on the ideas of others
- Participates in collaborative discussions about texts/topics
- Paraphrase information presented in visual formats
- Reports on topic/text, tells a story or recounts an experience



Reading Informational Text

Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text
Determine the main idea of a text and explain how it is supported by key details; summarize the text
Explain events, procedures, ideas or concepts in informational texts, including what happened and why, based on specific information from the text
Describe the overall structure (chronology comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in a text or a part of a text
Interpret information presented visually, orally or quantitatively and explain how the information contributes to an understanding of the text in which it appears
Integrate information from two texts on the same topic in order to write or speak about the subject knowledgeably

Writing

- Follows the structure of the assigned genre
- Strengthens writing by planning, revising, and editing
- Draws evidence from literary/informational texts
- Uses research to build and present knowledge

Mathematics

- Uses the four operations with whole numbers to solve problems
- Gains familiarity with factors and multiples
- Generates and analyses patterns
- Solves multi-step word problems and applies problem solving strategies
- Understands place value for multi-digit whole numbers
- Reads, writes and compares multi-digit whole numbers, using symbols to make the comparison ($>$, $<$, $=$)
- Uses place value understanding to round multi-digit whole numbers using the standard algorithm
- Multiplies a whole number of up to four digits by a one-digit whole number and multiplies two two-digit numbers
- Finds quotients and remainders up to 4-digit dividends & 1-digit divisors
- Demonstrates an understanding of fraction equivalence
- Compares and orders fractions
- Adds and subtracts fractions with like denominators
- Multiplies fractions by a whole number and demonstrates an understanding of the relationship between fractions and decimals
- Compares decimals
- Solves problems involving measurement
- Applies the area and perimeter formulas for rectangles
- Represents and interprets data on a line plot
- Understands and can measure angles
- Draws and identifies lines and angles

