

WELCOME to FIRST GRADE

First Grade is a very exciting year of growth and opportunity. During the year, students progress at different rates through many developmental stages. First graders gain an understanding of literature by studying different genres and authors. Through hands-on activities using a variety of manipulatives, students will learn a broad range of math skills. This working foundation allows children to problem solve and process complex mathematical problems. In science and social studies, first graders will experience the world around them. The children will become critical thinkers as they sort, classify, investigate and generate their own opinions. An amazing year of transition awaits first graders as they journey to independence.

Social Studies

- Demonstrate 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



Science

- Demonstrate knowledge of facts and understanding of unit core ideas:
 - Air and Weather
 - Sound and Light
 - Plants and Animals
- Engage in scientific and engineering practices
- Make connections across science disciplines using patterns, cause & effect and quantitative measures
- Participate productively in lessons and hands on activities while maintaining a science notebook



GRADE 1

CURRICULUM EXPECTATIONS
2017 - 2018



ROXBURY PUBLIC SCHOOLS

Preparing the children of today for tomorrow...

Reading

- Ask and answer questions about key details in a text
- Identify who is telling the story at various points in a text
- Retell stories, including key details, and demonstrate understanding of their central message or lesson
- Describe characters, settings, and major events in a story using key details
- Identify the main topic with informational text
- Know and use various text features to locate key facts or information in a text
- Know and apply grade-level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension
- Demonstrate understanding of spoken words, syllables, and sounds
- Demonstrate understanding of the organization and basic features of print
- Read grade level appropriate texts



Writing

- Produce and publish opinion, informative, and narrative pieces in which they introduce the topic, include some details about the topic, and provide some sense of closure
- Apply grammar rules, correct capitalization and punctuation
- Use conventional spelling for words with common spelling patterns and for frequently occurring irregular words



Speaking & Listening

- Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups
- Ask and answer questions about key details in a text read aloud or presented orally
- Express ideas and feelings clearly



Mathematics

- Fluently add and subtract within 10 with speed and accuracy
- Add and subtract within 20 to solve word problems using manipulatives
- Be able to determine if equations involving addition and subtraction are true or false
- Use mathematical properties as strategies to add and subtract
- Count to 120 starting at any number
- Read and write numerals to 120
- Understand place value for tens and ones
- Use understanding of place value to add and subtract within 100
- Order and compare objects by length using units of measure
- Tell and write time in hours and half-hours
- Organize, represent, and interpret data
- Identify defining attributes of shapes vs. non-defining attributes like color
- Create new 2- and 3-dimensional shapes by combining rectangles, squares, trapezoids, triangles, semi-circles, quarter-circles, cubes, prisms, cones and cylinders
- Begin building understanding of fractions by partitioning circles and rectangles into equal shares using the words halves, fourths, quarters, etc.

