

**Introduction:**

Fourth Grade is an exciting year filled with exploration and discovery. Students work to advance their reading and writing skills using an approach that centers on social literacy. Their educational journey begins in the Northeast expanding to include all of the regions of the United States. Students will also strengthen their mathematical and science skills through real world problems and hands on applications.

**Materials Required:**

- packet of #2 pencils
- packet of colored pencils
- pencil top erasers
- post-it notes
- sturdy homework folder

**For Spanish Class:**

- folder
- composition notebook

**Field Trips  
(subject to change):**

Mystic Seaport  
NESS Science Exploration  
Other(s) TBD

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*Welcome  
to  
Fourth Grade*

**2020-2021**



### **Curriculum (Science)**

- Energy
- Waves
- Structure, Function, and Information Processing
- Earth's Systems: Processes that Shape the Earth
- Engineering Design

### **Curriculum (Spanish)**

- Develop communication skills to describe yourself and your surroundings
- Describe the cultures of Spanish-speaking countries and how they compare to our own
- Use technology to virtually explore other countries and cultures to continue our path to becoming global citizens.

### **Curriculum (ELA)**

- How Themes Communicate Different Messages
- Using Structure to Link Ideas with Information in Text
- Examining Language and Narration in Fiction
- Using informational Text to Explore and Support Ideas
- A Closer Look at Story Elements and Structure in Multiple Genres
- Using Language Structure and Access Features in Informational Text
- Personal Narrative: Character and Author's Message
- Supporting Ideas with Information
- Other Worlds: Mythology and Fantasy
- Persuading Readers Through Writing
- Performance, Poetry, and Drama
- Researching and Presenting Ideas

### **Curriculum (Social Studies)**

The study of civics, economics, geography, and history of New England with comparisons to other U.S. states and regions.

### **Curriculum (Math)**

- Use the four operations with whole numbers to solve problems.
- Gain familiarity with factors and multiples.
- Generate and analyze patterns.
- Generalize place value understanding for multi-digit whole numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.
- Extend understanding of fraction equivalence and ordering.
- Build fractions from unit fractions by applying and extending previous understands of operations on whole numbers.
- Understand decimal notation for fractions, and compare decimal fractions.
- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Represent and interpret data.
- Geometric measurement: understand concepts of angle and measure angles.
- Draw and identify lines and angles, and classify shapes by properties of their lines and angles.