

**Introduction:**

Third grade is a year of great change as students grow and increase their independence as learners. Student reading skills advance as they explore multiple genres and authors. Mathematic foundations are built through the understanding of multiplication and division concepts as they apply them using real world problems and hand on applications. Students engage in collaborative learning with their peers with teacher guidance.

**Materials Required:**

- 2 pocket poly folders
- dozen pencil-top erasers
- at least 2 hi-liters-different colors
- crayons
- large glue stick
- 2 marble composition notebooks for writing and reading

**For Spanish Class:**

- folder
- composition notebook

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

Planetarium  
Old Sturbridge Village  
Visit to the symphony

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*Welcome  
to  
Third Grade*

**2020-2021**



### **Curriculum (Science)**

- Forces and Interactions
- Inheritance and Variation of Traits: Life Cycles and Traits
- Interdependent Relationships in Ecosystems: Environmental Impacts on Organisms
- Engineering Design
- States of matter

### **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 (Social Studies)**

- How life in colonial CT was similar/different to life now
- How do CT's legislative, executive, and judicial branches work
- How does our government pay for goods/services
- How have indigenous peoples affected history and culture of CT

### **Curriculum (ELA)**

- Read and comprehend literature, including stories, dramas, and poetry.
- Read and comprehend informational texts, including history/social studies, science, and technical texts.
- Engage effectively in a range of collaborative discussions
- Know and apply grade-level phonics and word analysis skills in decoding words.
- Read with sufficient accuracy and fluency to support comprehension.
- Produce writing in which the development and organization are appropriate to task and purpose.
- Develop and strengthen writing as needed by planning, revising, and editing.
- Use technology to produce and publish writing (using keyboarding skills) as well as to interact and collaborate with others.
- Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

### **Curriculum (Math)**

- Represent and solve problems involving multiplication and division.
- Understand properties of multiplication and the relationship between multiplication and division.
- Multiply and divide within 100.
- Solve problems involving the four operations, and identify and explain patterns in arithmetic.
- Use place value understanding the properties of operations to perform multi-digit arithmetic.
- Develop understanding of fractions as numbers.
- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
- Represent and interpret data.
- Geometric measurement: understand concepts of area and relate area to multiplication and to addition.
- Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.
- Reason with shapes and their attributes.