



# DUXBURY CHANDLER SCHOOL

## Curriculum Guide Grade 1

The Duxbury Public Schools Curriculum Guide highlights the targeted skills for each grade level, Kindergarten through grade 5. Targeted skills are from the most recent Massachusetts Curriculum Frameworks in the following areas:

[Massachusetts Curriculum Frameworks for English Language Arts and Literacy, 2017](#)

[Massachusetts Curriculum Frameworks for Mathematics, 2017](#)

[Massachusetts Curriculum Frameworks for Science and Technology, 2016](#)

[Massachusetts Curriculum Frameworks for History and Social Science, 2018](#)

Sara Milner  
Curriculum Supervisor Preschool - Grade 2  
Chandler Elementary School  
781.934.7680 ext.2005  
smilner@duxbury.k12.ma.us

# Curriculum Guide

## ~ Grade One ~

### Literacy

**Literacy consists of the skills necessary to read, write, listen and speak. The following are the targeted standards for First Grade Literacy Instruction:**

#### **Reading Literature and Informational Texts**

- Ask and answer questions about key details in text
- Retell stories, including key details, and demonstrate understanding of their central message or lesson
- Describe characters, settings, and major events in a story or text \* Identify characteristics of common forms of texts
- Identify words and phrases in stories or poems that suggest feelings or appeal to the senses
- Compare and contrast characters in stories
- Demonstrate an understanding of grade level texts read independently

#### **Foundational Skills**

- Demonstrate understanding of the organization and basic features of print
- Demonstrate understanding of spoken words, syllables, and sounds
- Know and apply grade-level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension of grade level texts

#### **Writing**

- Compose a group of complete sentences in the following genres:
  - Opinion pieces in which they introduce the topic, state an opinion, supply a reason for the opinion, and provide some sense of closure
  - Informative/explanatory texts in which they name the topic, supply some facts about the topic, and provide some sense of closure
  - Narrative pieces in which they recount two or more appropriately sequenced events, include some details regarding what happened, use temporal words to signal event order, and provide some sense of closure
- Write poems with rhyme and repetition

- With guidance and support from adults, focus on a topic, respond to questions and suggestions from peers and add details to strengthen writing as needed
- Use a variety of digital tools to produce and publish writing
- Participate in shared research and writing projects

### **Speaking and 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 what a speaker says in order to gather information or clarify something that is not understood
- Describe people, places, things, and events with relevant details, expressing ideas and feelings clearly

### **Language**

- Prints uppercase letters, lowercase letters and numbers legibly
- Correctly uses standard English grammar conventions when writing and speaking
- Demonstrates an understanding of punctuation, capitalization, and spelling
- Learns assigned spelling words
- Uses strategies to determine the meaning of words in texts

## **Math**

**Math Instruction in First Grade focuses on the four critical areas of developing understanding of addition and subtraction, and strategies for addition and subtraction within 20; developing understanding of whole number relationships and place value; developing understanding of linear measurement; and reasoning about attributes of, and composing and decomposing geometric shapes. The following are the targeted standards for First Grade Math Instruction:**

### **Operations and Algebraic Thinking**

- Represent and solve problems involving addition and subtraction
- Understand and apply properties of operations and the relationship between addition and subtraction
- Add and subtract within 10
- Work with addition and subtraction equations
- Number and Operations in Base Ten
- Extend the counting sequence
- Understand place value

- Use place value understandings and properties of operations to add and subtract

### **Measurement and Data**

- Measure lengths indirectly and by iterating length units
- Tell and write time in hours and half hours
- Represent and interpret data
- Identify the value of all U.S. Coins and know their comparative values

### **Geometry**

- Reason with shapes and their attributes

### [Quick Reference Guide: Standards for math practice PreK - Grade 2](#)

## **Science**

**The following are the targeted standards for First Grade Science instruction:**

### **Earth Science**

- Describe the sun's role in creating life and sustaining weather
- Describe weather changes from day to day and over the seasons
- Identify how people and animals adapt to seasons

### **Life Science**

- Differentiate between living and nonliving things and group them according to shared characteristics
- Demonstrate an understanding that plants and animals have life cycles that vary

### **Physical Science**

- Demonstrate that vibrating materials can make sound and that sound can make materials vibrate
- Investigate the effect of light passing through various materials
- Design and build a device that uses light or sounds to send a message

## **Social Studies**

**The following are the targeted standards for First Grade Social Studies instruction:**

- Understand student location
- Expand vocabulary using maps and globes and identify basic global features

- Use cardinal directions
- Identify differences between wants and needs
- Understand the history of the U.S. National Symbols