



# DUXBURY

## CHANDLER SCHOOL

### Curriculum Guide Kindergarten

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](#)

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# Curriculum Guide

## ~ Kindergarten ~

### Literacy

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

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

- With prompting and support, ask and answer questions about key details in a text, retell familiar stories, and identify characters, settings, and major events in a story or informational selection
- Recognize common types of texts
- Name the author and illustrator and define the role of each
- Compare and contrast the adventures and experiences of characters in familiar stories
- Identify the front cover, back cover, and title page of a book

#### **Foundational Skills**

- Demonstrate understanding of spoken words, syllables, and sounds
- Demonstrate understanding of the organization and basic features of print
- Know and apply grade-level phonics and word analysis skills in decoding words
- Read emergent-reader texts with purpose and understanding

#### **Writing**

- Use a combination of drawing, dictating and writing to compose a complete sentence for:
  - Opinion pieces in which they tell a reader the topic or the name of the book they are writing about and state an opinion or a preference
  - Informative/explanatory texts in which they name what they are writing about and supply information about the topic
  - Narrative pieces about a single event or several loosely linked events, tell about the events in order in which they occurred and provide a reaction to what happened
- Explore 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 kindergarten topics and texts with peers and adults in small and larger groups
- Ask and answer questions in order to seek help, get information, or clarify something that is not understood
- Speak audibly and express thoughts, feelings, and ideas clearly

### **Language**

- Prints uppercase letters, lowercase letters and numbers up to 20
- Demonstrates an understanding of the conventions of the English language when writing and speaking
- Produces and expands complete sentences in shared language activities
- Determines the meanings of words and their relationships within the proper context

## **Math**

**Math Instruction in Kindergarten focuses on the critical areas of representing, relating and operating on whole numbers, and describing shapes and space. The following are the targeted standards for Kindergarten Math Instruction:**

### **Counting and Cardinality**

- Know number names and the count sequence
- Count to tell the number of objects
- Compare numbers

### **Operations and Algebraic Thinking**

- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from
- Add and subtract within 5

### **Number and Operations in Base Ten**

- Work with numbers 11-19 to gain foundations for place value.

### **Measurement and Data**

- Describe and compare measurable attributes
- Classify objects and count the number of objects in each category

### **Geometry**

- Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes,

- cones, cylinders, and spheres)
- Analyze, compare, create, and compose shapes

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

## Social Studies

**Social studies is integrated with other content areas across the curriculum. The following are the targeted standards for Kindergarten Social Studies instruction:**

- Have a growing understanding of family, community, and diversity
- Participate in activities related to national holidays
- Identify basic global features

## Science

**Science is integrated with other content areas across the curriculum. The following are the targeted standards for Kindergarten Science instruction:**

### Earth Science

- Describe weather changes
- Identify events that have repeating patterns

### Life Science

- Identify the needs of living things
- Identify the existence of life cycles

### Physical Science

- Compare & classify objects based on physical characteristics and use
- Notice impact different conditions have on physical object
- Observe sunlight's effect on the earth
- Design and build a model to reduce sunlight's warming effect