



DUXBURY

CHANDLER SCHOOL

Curriculum Guide Grade 2

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

~ Grade 2 ~

Literacy

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

Reading Literature and Informational Texts

- Ask and answer questions to demonstrate understanding of key details in text
- Identify main idea and key details in both fiction and nonfiction texts
- Describe character development and point of view in a story
- Describe how text features and wording supply meaning to a text
- Compare and contrast two texts
- Identify the author's purpose for writing
- Use evidence from the text to show understanding of literature in a written response
- Demonstrate an understanding of grade level texts read independently

Foundational Skills

- 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 complete paragraph in the following genres:
 - Opinion pieces in which they introduce the topic, state an opinion, supply reasons that support the opinion, use linking words to connect opinion and reasons, and provide a concluding statement or section
 - Informative/explanatory texts in which they introduce a topic, use facts and definitions to develop points, and provide a concluding statement or section
 - Narrative pieces in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts, and feelings, use temporal words to signal event order, and provide a sense of closure
- Write stories or poems with dialogue
- With guidance and support from adults and peers, focus on a topic and strengthen writing as needed by revising and editing

- 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 2 topics and texts with peers and adults small and larger groups
- Ask and answer questions about what a speaker says in order to clarify comprehension, gather information, or clarify something
- Recount or describe key ideas or details from a text read aloud or information presented orally or through other media
- Tell a story or recount an experience with appropriate facts and relevant, descriptive details, speaking audibly in coherent sentences
- Create audio recordings of stories or poems

Language

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

MATH

Math Instruction in Second Grade focuses on the four critical areas of extending understanding of base-ten notation, building fluency with addition and subtraction, using standard units of measure, and describing and analyzing shapes. The following are the targeted standards for Second Grade Math Instruction:

Operations and Algebraic Thinking

- Represent and solve problems involving addition and subtraction
- Add and subtract within 20
- Work with equal groups of objects to gain foundations for multiplication

Number and Operations in Base Ten

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

Measurement and Data

- Measure and estimate length in standard units
- Relate addition and subtraction to length
- Tell time to the nearest five minutes
- Solve word problems involving money
- Represent and interpret data

Geometry

- Reason with shapes and their attributes
- Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, etc.
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[Quick Reference Guide: Standards for math practice PreK - Grade 2](#)

SCIENCE

The following are the targeted standards for Second Grade Science instruction:

Earth Science

- Recognize that water, rocks, soil and living things are all found on the earth's surface
- Understand air, wind, and weather and how they impact the environment

Life Science

- Recognize that fossils provide us with information about living things that inhabited the earth long ago
- Understand the relationship between living things and their environment

Physical Science

- Describe, classify, and observe properties of materials
- Determine what materials have properties best suited for an intended purpose after testing and analyzing
- Construct an argument with evidence that some materials can change by hot and cold temperatures. Also, some changes can be reversed while others cannot
- Explore the effects of friction on temperature and speed
- Analyze and understand that when objects are broken down, the smaller pieces do not change
- when used to build larger objects

SOCIAL STUDIES

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

- Expand vocabulary of earth's physical features
- Use cardinal directions
- Understand fundamental economic concepts
- Demonstrates understanding of the origins of their own family ancestry