

Social Studies

In grade 4 social studies, students will study...

Geography

- Cardinal and intermediate directions, latitude & longitude, continents & oceans

Living in the United States

- Regions
- Landforms
- Government
- Resources



We believe that students have the best opportunity to succeed in school when the home and school form a partnership. We encourage parents to familiarize themselves with these objectives. If you have questions about your child's program, please contact your child's teacher or principal.

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Specials

In grade 4 specials, students will ...

Music

- Perform, read, and notate whole, half, quarter, eighth, and sixteenth note rhythms in duple and triple meter
- Sing alone and with others
- Identify resting tone and distinguish between major and minor tonalities
- Recognize major patterns on the musical staff
- Compose and notate simple rhythmic accompaniments
- Discover music from around the world

Technology

- Login and logout of any computer
- Reinforce keyboarding skills
- Review how to be a good digital citizen
- Learn to make an online poster
- Learn to create a presentation
- Learn to use google tools on any computer

Visual Art

- Recognize/identify complementary/analogous colors
- Create a figure drawing based on shape knowledge
- Discover the work of the American artist Georgia O'Keefe
- Create a painting based on O'Keefe's flower paintings

Wellness

- Continue development of motor skills, proprioception, and kinesthetic awareness
- Promote fitness concepts through individual milestones
- Develop personal and social competency through team strategy and peer groups

World Language - French

- Be able to introduce themselves and say how they are feeling
- Count to 1,000
- Describe the weather
- Name the colors, days of the week, and months of the year
- Learn vocabulary for things found in a school and in the classroom

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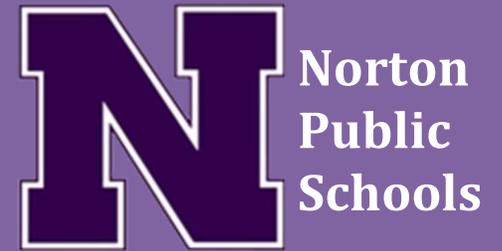
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Curriculum Guide

Grade 4

*Excellence
in Education*

The grade level objectives listed in this guide represent the course of study specified by the Massachusetts State Standards, which are based on the Common Core State Standards as well as Norton's locally designed curriculum for this grade. The purpose of this guide is to provide an overview of the content objectives for the core subjects of English Language Arts, Mathematics, Science, and Social Studies for each grade level. Most students are expected to demonstrate proficiency of these objectives by the end of the school year.

English Language Arts

Reading Standards for Foundational Skills

- Know and apply grade-level phonics and word analysis skills in decoding words.
- Read with accuracy and fluency to support comprehension.

Reading Standards for Literature

- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine a theme of a story, drama, or poem from details in the text; summarize the text.
- Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text
- Determine the meaning of words and phrases as they are used in a text, including those that allude to significant characters found in mythology.
- Explain major differences between poems, drama, and prose, and refer to the structural elements of poems and drama when writing or speaking about a text.
- Compare and contrast the point of view from which different stories are narrated, including the difference between first- and third-person narrations.
- Make connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text.
- Locate and analyze examples of similes and metaphors in stories, poems, folktales, and plays, and explain how these literary devices enrich the text.
- Compare and contrast the treatment of similar themes and topics and patterns of events in stories, myths, and traditional literature from different cultures.
- By the end of the year, read and comprehend literature, including stories, dramas, and poetry, in the grades 4–5 text complexity band proficiently, with scaffolding as needed at the high end of the range.

Reading Standards for Informational Text

- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine the main idea of a text and explain how it is supported by key details; summarize the text.
- Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.
- Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a *grade 4 topic or subject area*.

Reading Standards for Informational Text Continued

- Describe the overall structure of events, ideas, concepts, or information in a text or part of a text.
- Compare and contrast a firsthand and secondhand account of the same event or topic; describe the differences in focus and the information provided.
- Interpret information presented visually, orally, or quantitatively and explain how the information contributes to an understanding of the text in which it appears.
- Explain how an author uses reasons and evidence to support particular points in a text.
- Integrate information from two texts on the same topic in order to write or speak about the subject knowledgeably.
- By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4-5 complexity band proficiently, with scaffolding as needed at the high end of the range.

Writing Standards

- Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.
- Write stories, poems, and scripts that use similes and/or metaphors.
- Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.
- With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing.
- With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
- Conduct short research projects that build knowledge through investigation of different aspects of a topic.
- Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
- Draw evidence from literary or informational texts to support analysis, reflection, and research.
- Write routinely over extended time frames and shorter time frames for a range of discipline-specific tasks, purposes, and audiences.

Mathematics

In grade 4 mathematics, students will...

- 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 understandings 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.

Science

In grade 4 science, students will study...

Physical Science

- Forms of Energy
- Sound Energy
- Electrical Energy
- Magnetic Energy

Earth Science

- Water Cycle
- Soil

Life Science

- Characteristics of Plants and Animals
- Plant Structure and Function
- Adaptations of Living Things
- Environmental Education: Rain Forest

