Social Studies

In Mapleton, Social Studies is taught through interdisciplinary units that include reading, writing, and research on Social Studies topics. Throughout the year, Fifth Grade students will study standards from the following four disciplines:

Civics: Students will construct an understanding of the foundations of citizenship in the United States. They will investigate the origins, structures, and functions of the US government.

History: Students will analyze primary and secondary sources to explore the historical eras, individuals, groups, ideas, and themes in early North American history, from European colonization through the establishment of the US government.

Economics: Students will examine how individuals use financial institutions to manage personal finances. They will determine how trade shaped the development of Early America.

Geography: Students will use geographic tools to research and answer questions about US geography, as well as the causes and consequences of movement.

Mathematics

In Fifth Grade, students continue to develop their understanding of place value and patterns in mathematics. Students will engage in:

- Understanding the place value system.
- Performing operations with multi-digit whole numbers and decimals to hundredths.
- Using equivalent fractions as a strategy to add and subtract fractions.
- Writing and interpreting numerical expressions.
- Converting measurement units within a given measurement system.
- Understanding concepts of volume and relating volume to multiplication and addition.
- Graphing points on the coordinate plane to solve real-world math problems.
- Classifying two-dimensional figures into categories based on their properties.

Visual Arts & Music

Visual Arts: Fifth Grade students are using their knowledge of art processes and skills to plan and create works of art where intended meaning is communicated to viewers. In Fifth Grade, students will:

- Investigate how an artist's point of view can be communicated through the language of visual art.
- Question and evaluate works of art.
- Determine a method of planning that best supports personal artmaking.
- Apply an understanding of art processes and studio skills to create works of art.

Music: Fifth Grade students will have the opportunity to experience music through singing, movement, and playing of instruments. They will:

- Perform complex music with accuracy, expression, and chordal accompaniment.
- Apply critique and self-reflection to refine individual and ensemble techniques and performance of notated songs.
- Compose, improvise, and arrange melody with rhythmic accompaniment.
- Identify and demonstrate notated melodic, rhythmic, and harmonic components, as well as tempos, dynamics, articulations, complex form, meter, and timbre.
- Create and use specific criteria when judging a musical performance.
- Compare music from different historical periods and different cultures.

Tips for Reading & Writing at Home

- Encourage your child to read both fiction and nonfiction text.
- Read about current events and discuss the issues.
- Question your student on an opinion they hold and have them defend their opinion using facts from a text.

Mapleton Public Schools

Parent Guide

Standards-Based Elementary Report Card

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Fifth Grade

Academic Performance Levels

Student progress is reported at the end of each grading period using the performance levels described below. Your child's individual performance is measured against the Colorado Academic Standards, rather than the performance of other students in his or her class.

4	Exceeds Standards	Student consistently exceeds grade level academic standards and expectations
3	Meets Standards	Student consistently demonstrates grade-level academic standards and expectations
2	Approaching Standards	Student is working toward grade-level academic standards and expectations but has not been able to consistently demonstrate the learning
1	Does Not Meet	Student consistently does not demonstrate grade level academic standards and expectations
E	Exempt	Student has a documented exemption on file with the office, such as a long-term hospitalization

Characteristics of a Successful Learner

Characteristics of a Successful Learner demonstrate your student's level of proficiency with attributes that lead to success in school, work, and life.

+	Student actively demonstrates this characteristic.
=	Student is making progress toward this characteristic.
–	Student does not demonstrate this characteristic.

English Language Arts

Reading for All Purposes: Students will apply strategies to interpret and analyze various types of literary and informational texts. They will apply knowledge of word meanings and word relationships to determine the meaning of unknown words.

Oral Expression and Listening: Students will collaborate in discussions for various purposes. They will present to express an opinion, persuade, or provide information.

Writing and Composition: Students will write well-developed opinion pieces, informative texts, and narratives for a variety of audiences. They will apply understanding of the conventions of standard English in order to clarify meaning and strengthen style.

Research Inquiry and Design: Students will research to locate, summarize, synthesize, and document information from print and digital sources, and communicate findings appropriately.

Physical Education & Health

Fifth Grade students are working toward mastery in movement skills and beginning to take more responsibility for managing their own health and safety. Students will:

- Accurately perform all basic motor skills and know how to combine skills to learn and develop new motor skills.
- Understand why feedback can improve performance.
- Set personal goals for improving health-related fitness.
- Identify personal activity interests and take responsibility for individual and team performance.
- Work cooperatively in a group.
- Implement safety procedures in the utilization of space and equipment.

Science

Throughout Fifth Grade, as part of interdisciplinary units, students will explore Life, Earth, and Physical science concepts.

Life Science: Students will investigate how plants acquire their material for growth from air and water, and how matter cycles between air and soil and among plants, animals, and microbes and these organisms live and die.

Earth Science: Students will observe patterns in Earth's orbit and rotation and the orbit of the moon around the earth. They will describe how the relative brightness of stars depends on the star's size and distance from the earth. They will understand how Earth's major systems interact in multiple ways to affect its surface materials and processes. They will explain that most of Earth's water is in its oceans, and most of the freshwater is in glaciers or underground. They will also describe the effects that humans have had on land, ocean, atmosphere, and outer space.

Physical Science: Students will define matter as particles that are too small to be seen. They will measure a variety of observable properties to identify particular materials. They will observe chemical reactions as what happens when substances are mixed. They will investigate the gravitational force that pulls an object toward the planet's center. They will also know that the energy released from food was once energy from the sun.

Tips for doing Math at Home

- Help your student estimate the volume of various containers by measuring and calculating.
- Use addition, subtraction, multiplication, and division together to solve problems in everyday life.
- Present opportunities for your child to use fractions and decimals in everyday life.