Social Studies

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

Civics: Students will identify, investigate, and analyze multiple perspectives on civic issues. They will also study the origins, structures, and functions of the Colorado state government.

History: Students will analyze primary and secondary sources explore historical eras, individuals, groups, ideas, and themes in Colorado history and their relationship to key events in the United States during the same historical period.

Economics: Students will determine the opportunity cost when making a choice and explore how people respond to both positive and negative incentives.

Geography: Students will use geographic tools to research and answer questions about Colorado geography. They will demonstrate how connections are developed within and across human and physical systems.

Physical Education & Health

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

- Identify the major characteristics of mature locomotor, non-locomotor, manipulative, and rhythmic skills.
- Provide and receive feedback to and from peers on these skills and their major characteristics.
- Explain how health-related fitness components are used to improve physical fitness.
- Analyze opportunities for participating in physical activity and actively engaging in activities.
- Assess and take responsibility for personal behavior and stress management.
- Demonstrate knowledge of safe practices during physical activity.

Visual Arts & Music

Visual Arts: Fourth Grade students are beginning to refine their technique in order to express themselves through works of art and design. In Fourth Grade, students will:

- Use the language of Visual Arts to enhance artistic intent.
- Respond to an artist's point of view while being mindful of historical and cultural context.
- Interpret and evaluate personal work and the work of others with informed criteria. Use this information to inform next steps in creating personal works of art.
- Investigate and discuss how diverse communities address issues relevant to their culture, place, and time.

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

- Perform complex music with accuracy and expression while beginning to introduce chordal accompaniment.
- Apply critique and self-reflection to refine individual and ensemble techniques and performance of notated songs.
- Compose, improvise, and arrange melody using rhythm and pitch.
- Identify and demonstrate notated melodic, rhythmic, and harmonic components within the treble staff.
- Demonstrate subtle differences in tempos, dynamics, and articulations, as well as complex form, meter, and timbre.
- Discriminate between musical and nonmusical factors in creating criteria for evaluating music.
- Articulate contributions of various cultures to music from various American historical periods.

Tips for Reading at Home

- Read and discuss a variety of texts with your student.
- Ask questions that have more than one answer. Have your student ask questions about the text.
- Read a letter to the editor or an article from the Internet and discuss facts versus opinions.

Mapleton Public Schools

Parent Guide

Standards-Based Elementary Report Card

④

Fourth 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 fluently read and comprehend literary and informational texts. They will apply knowledge of spelling patterns, word meanings, and word relationships to decode new words and determine the meaning of unknown words.

Oral Expression and Listening – Students will pose thoughtful questions after actively listening to others. They will create a plan to effectively present new information, both formally and informally.

Writing and Composition – Students will write engaging, well-developed opinion pieces, informative texts, and narratives using precise language and specific vocabulary. They will understand how and why writers use the conventions of Standard English to clarify their meaning.

Research Inquiry and Design – Students will use a variety of resources to build and communicate knowledge related to open-ended research questions.

Mathematics

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

- Using place value understanding and properties of operations to perform multi-digit arithmetic.
- Generalizing place value understanding for multi-digit whole numbers.
- Building fractions from unit fractions to aid in extending their understanding of fraction equivalence and ordering.
- Using decimal notation for fractions and comparing decimal fractions.
- Using the four operations with whole numbers to solve problems.
- Gaining familiarity with factors and multiples.
- Understanding concepts of angles and measuring angles.
- Drawing and identifying lines and angles, and classifying shapes based on properties of their lines and angles.
- Solving problems involving measurement and conversion of measurements from a larger to smaller unit.

Science

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

Life Science: Students will study the various functions of internal and external structures of living organisms.

Earth Science: Students will investigate how the four major Earth systems interact. They will identify patterns in Earth's physical features and determine how Earth has changed over time. They will study the energy and fuels that humans use and their impact on the environment. They will also continue exploring natural hazards and how humans can reduce their effect.

Physical Science: Students will focus on the energy produced from fast moving objects and how that energy is transferred and changed when objects collide. They will also investigate how energy can be stored and used. Students will explore patterns of motion, including waves, and use those patterns to send, receive, and decode information. They will also develop understanding of how light reflecting from an object into the eyes enables the object to be seen.



Tips for doing Math at Home

- Look for opportunities in daily life to use and discuss fractions. Find equivalent fractions (i.e. ½ = ¼).
- Find ways to integrate discussion of concepts like "times as much" into your everyday activities. For example, compare the weight of your student and your family pet and figure how many times more your child weighs than your pet.
- Encourage a positive attitude toward math. If your student has trouble with a problem, help them think of it as a puzzle to solve and try a number of different ways to do so.