Parent Guide to Learning in MCCSC

FIFTH GRADE

A summary of what children should know and be able to do and ways for families to increase learning at home.
Each quarter, students will learn new skills and build upon skills from earlier in the year. Below are some areas students will focus on each quarter.

**LANGUAGE ARTS**

- Read with expression
- Use quotes to explain and infer from a text
- Use details to determine a theme and summarize a fictional text
- Describe two elements of a fictional text and how they contribute to the story
- Use the writing process to write narrative compositions
- Understand the use of figurative language
- Use appropriate capitalization, punctuation, and spelling
- Use quotes to explain and infer
- Describe the influence of a narrator’s point of view
- Determine two or more main ideas and provide supporting details
- Explain relationships between characters, ideas, or concepts in nonfiction
- Explain how authors use reasons and evidence to support claims in nonfiction
- Use context clues and text features to identify meaning of unknown words
- Use the writing process to write informative compositions
- Compare and contrast stories in the same genre
- Combine information from several texts on the same topic
- Analyze multiple accounts of the same event or topic and compare and contrast perspectives
- Explain how authors use reasons and evidence to support claims in nonfiction
- Use the writing process to write persuasive compositions

**MATH**

- Explain the different interpretations of fractions
- Add and subtract fractions with unlike denominators
- Add, subtract, multiply, and divide real-world problems with decimals (like money) multiple ways
- Divide with and without remainders using different strategies and explain strategy
- Find and apply the volume of rectangular prisms to solve real-world problems
- Understand and use mean, median, and mode to describe a data set
- Solve real-world problems involving addition and subtraction of fractions with unlike denominators
- Solve real-world problems involving multiplication and division of whole numbers and decimals multiple ways.
- Use a number line to compare and order fractions, mixed numbers, and decimals
- Multiply multi-digit whole numbers by 10 and explain patterns
- Understand, interpret, and model percents as part of a hundred
- Multiply at least 2 ways accurately, including the standard algorithm
- Identify, describe, and draw triangles and circles and understand the relationship between radius and diameter
- Convert measurement units and use these conversions to solve real-world problems
- Solve real-world problems involving multiplication and division of fractions and mixed numbers with pictures of equations
- With pictures, divide a whole number by a fraction and vice versa
- Graph points in the coordinate plane and represent equations by graphing ordered pairs
- Identify and classify polygons
- Develop and use formulas for the area of shapes
- Define, use, and solve up 2 variables to write linear expressions from given real-world problems
- Solve real-world problems involving area and perimeter (including fractional side lengths)
**ART**

In art class, students develop skills in multiple art-making techniques, identify and demonstrate diverse methods of artistic investigation, and compare their own interpretation of a work of art with the interpretation of others.

**MUSIC**

In music, students will learn to play an instrument and follow cues from a conductor, improvise and compose rhythmic phases on instruments, describe musical elements, recognize styles and genres of American music, read, perform and sight read songs by looking at treble clef staff notation, and play pitched and non-pitched instruments.

**PHYSICAL EDUCATION**

In PE, students demonstrate motor skills and movement patterns and concepts, exhibit respectful and responsible personal and social behavior, and learn the value of physical activity. They also achieve and maintain a health-enhancing level of physical fitness.

**SOCIAL STUDIES**

Fifth graders learn about American history, the American Revolution, westward expansion, and the Civil War during social studies instruction.

**SCIENCE**

Students learn about science through hands-on exploration. In fifth grade, students will learn about living systems, earth and sun, and mixtures and solutions.

**SOCIAL-EMOTIONAL LEARNING**

MCCSC is using the Second Step curriculum with our elementary school students. Students will strengthen their empathy, emotion-management, and problem-solving skills while learning to use them in social and academic settings. Whether they have a disagreement with a friend or test anxiety, students will be better poised to make positive choices.
FIFTH GRADE DEVELOPMENTAL MILESTONES

- Enjoy family, peers, and teachers
- Friendly, generally content
- Work very well in groups; enjoy clubs, activities, and team sports
- Usually truthful; developing more mature sense of right and wrong
- Highly sensitive to and able to resolve questions of fairness and other social issues
- Able to enjoy cooperative and competitive activities
- Good time to learn peer mediation and conflict resolution
- Eager to reach out to others, such as through community service or tutoring younger children
- Enjoy being noticed and rewarded for their efforts
- Quick tempers may lead to physical outbursts and tears, but problems are usually quick and easily solved

WAYS TO SUPPORT YOUR CHILD AT HOME

- Build a routine that allows for homework and studying time and enough sleep to help your child establish a healthy balance.
- Start a book club! Choose a specific “meeting” time and place, such as a weekly trip to a local café or park, or chat over some snacks at home and discuss the book. Talk about its themes, using concrete examples you find in the text. After you finish one book, pick another by the same author about a similar topic (or in the same genre) and compare the two.
- Practice editing. You and your child can both write your own pieces, or your child can choose a short piece of writing from another source. Whatever he chooses, ask your child to “revise” or “edit” the text, aiming to improve it by adding more detail and descriptions.
- Since your child should be able to solve equations with ease, give her a variety of multiplication and division equations that use multi-digit numbers and see how many she can solve in a certain amount of time (for example, 4 minutes). Repeat this, either immediately or later on, to see if she can break her previous record.
- Look for fractions and percentages in sales at local stores. Have your child figure out how much you would save on a sale item.