



Math Curriculum - Third Grade

Capital's Math curriculum maintains a balance between the development of math concepts, computational fluency, and problem-solving skills while working on meaningful and challenging tasks. In addition to traditional math concepts, other topics such as numbers and operations, geometry, algebra concepts, patterns and relationships, and measurement will be investigated.

The curriculum is aligned to the Common Core State Standards (CCSS) and includes daily practice and problems, an emphasis on math discussions and vocabulary, math boards for visual drawing and representations of concepts, and lesson-based assessments and interventions to help meet individual student needs.

This year your child's curriculum will include:

Marking Period 1

- Identifying and representing whole numbers in patterns to 10,000 in our number system.
- Solving multi-digit addition and subtraction problems by using a variety of strategies to complete and explain thinking.
- Telling time to the nearest minute and identifying times of day and elapsed time.
- Counting, comparing and making change for money that amounts to less than \$5.00.
- Collecting and recording data in tally charts, tables and pictographs and then interpret that data.
- Fluently add and subtract facts to 18.
- Developing fluency and recall of multiplication facts.

Marking Period 2

- Making bar graphs and line plot graphs, then interpreting the data to answer questions about the information shown.
- Demonstrating multiplication of 0, 1, 2, 3, 4, 5, and 10 using a variety of models and see how those factors are related to one another.
- Multiplying with 3, 6, 7, 8, and 9 using a variety of strategies to solve problems.
- Demonstrating the concept of division using different models and understanding the relationship between division and multiplication.
- Fluently add and subtract facts to 18.
- Fluently multiply facts to 12.
- Developing fluency and recall of division facts.

Marking Period 3

- Using a variety of strategies to divide whole numbers and fluently dividing facts for 3, 4, 6, 7, 8 and 9.
- Connecting real world situations to division through word problems.
- Using fractions to represent quantities that are equal parts of a whole, a set, or locations on a number line.
- Using fractions to represent numbers that are equal to, less than, or great than 1.
- Comparing and ordering fractions using a variety of models and strategies with the symbols $>$, $<$, $=$, $\neq$.
- Naming, identifying, describing, and comparing two-dimensional shapes.
- Fluently add and subtract facts to 18.
- Fluently multiply and divide facts to 12.

Marking Period 4

- Comparing two-dimensional shapes and their lines of symmetry along with the relationships of those shapes when they are manipulated.
- Naming, identifying, describing and drawing three-dimensional shapes and geometric patterns.
- Choosing and using appropriate measurement tools to estimate and find area, perimeter and length of objects.
- Fluently add and subtract facts to 18.
- Fluently multiply and divide facts to 12.

For more information about your child's Math curriculum, please contact your child's teacher or call the Curriculum Office at 857- 4228.