



Math Curriculum – Fourth 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 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 with addition, subtraction, rounding and estimating to 100,000 in our number system.
- Fluently multiplying and dividing numbers to 12 using strategies that include patterns and relationships of numbers.
- Selecting and using strategies to solve problems using all operations.
- Multiplying and estimating with 10, 100 and 1,000.
- Fluently add and subtract facts to 18.
- Developing fluency and recall of multiplication and division facts.

Marking Period 2

- Using a variety of strategies to estimate and multiply one- and two-digit numbers.
- Using a variety of strategies to divide four-digit numbers by one-digit divisors.
- Describing the relationship between multiplication and division of whole numbers.
- Collecting, recording, organizing, and analyzing data in charts and graphs.
- Fluently add and subtract facts to 18.
- Fluently multiply facts to 12.
- Developing fluency and recall of division facts.

Marking Period 3

- Interpreting and analyzing data on charts and graphs.
- Using models and words to represent fractions and decimals.
- Comparing and ordering decimals to the hundredths.
- Adding and subtracting fractions.
- Measuring lengths to the $\frac{1}{2}$ and $\frac{1}{4}$ inch, centimeter, and millimeter.
- Fluently add and subtract facts to 18.
- Fluently multiply and divide facts to 12.

Marking Period 4

- Choosing appropriate tools to measure temperature and mass.
- Identifying, classifying and comparing two-dimensional figures.
- Measuring, finding and exploring angles of objects.
- Determining area and perimeter of shapes.
- 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.