



Math Curriculum – Kindergarten

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

- Counting to 15 by ones
- Modeling, reading and writing numbers 0 through 10
- Composing and decomposing quantities through 10
- Counting forward to 10 and backward from 10
- Comparing values of numbers to 5
- Identifying missing numbers in a series up to 5
- Solving problems by using the strategy *make a model*

Marking Period 2

- Counting to 25 by ones
- Modeling, reading and writing numbers 11 through 19
- Modeling addition and subtraction problems with numbers up to 10
- Comparing values of numbers to 10
- Identifying missing numbers in a series up to 10
- Solving problems by using the strategy *act it out*

Marking Period 3

- Counting to 50 by ones using different starting points
- Modeling, reading and writing numbers to 20
- Identifying and describing two and three-dimensional shapes
- Comparing values of numbers to 15
- Identifying missing numbers in a series up to 15
- Solving problems by using the strategy *make a graph*

Marking Period 4

- Counting to 100 by ones using different starting points
- Comparing and ordering objects by length, height, and weight
- Identifying and knowing the value of coins
- Comparing values of numbers to 20
- Identifying missing numbers in a series up to 20
- Solving problems by using the strategy *draw a picture*

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