

Farmington Woods IB/PYP Magnet Elementary School

Farmington Woods IB/PYP Magnet Elementary School will promote inquiry and provide an international awareness while educating our children to become life long learners.

Kindergarten Curriculum Objectives First Quarter Math Study Guide



**A WCPSS International
Baccalaureate PYP Magnet School**

This brochure is designed to share grade level standards and benchmarks with our families. Your understanding of what your child is expected to learn at each grade level is essential as we work together to reach your child's fullest potential.

Know Number Names and the count sequence

- *Rote count to 20*
- *Count forward beginning from a given number within the known sequence (instead of having to begin at 1).*
- *Write numbers from 0-10. Represent a number of objects with a written numeral 0-10 (with 0 representing a count of no objects).*

Place m&m's, cheerios, fruit loops or other small items in front of your student. Have them count the objects slowly. Make sure they count each object. Repeat with a different numbers of objects.

Count to tell the number of objects

- Understand the relationship between numbers and quantities; connect counting to cardinality.
- *When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number with one and only one object.*
- *Understand the relationship between numbers and quantities; connect counting to cardinality.*
- *Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.*
- *Understand the relationship between numbers and quantities; connect counting to cardinality.*
- *Understand that each successive number name refers to a quantity that is one larger.*
- *Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.*

Compare Numbers

- Compare two numbers between 1 and 10 presented as written numerals.

Understanding addition as putting together and adding to, and understand subtraction as taking apart and taking from.

- Represent addition and subtraction with objects, fingers, mental images, drawing, sound (e.g.,claps), acting out situations, verbal explanations, expressions, or equations. (Note: Drawings need not show details, but should show the mathematics in the problem-this applies wherever drawings are mentioned in the Standards.)