



# SCHOOL DISTRICT OF MONROE

*Preparing for the Future, One Child at a Time*

## Mathematics (4K)

### Course Description:

The curriculum for this course is developed from the [Wisconsin Model Early Learning Standards](#). Throughout the year the students will be introduced to many beginning math skills, including but not limited to, numbers, shapes, colors, counting, patterns, and sorting. Learning will include hands on learning experiences, play based centers, and small and large group activities. This curriculum will build a foundation of math skills that supports the District's ongoing math curriculum.

### Mastery Standards:

Demonstrates understanding of numbers and counting (B.EL.1)

Understands number operations and relationships (B. EL.2)

Explores, recognizes and describes shapes and spatial relationships (B. EL.3)

Uses the attributes of objects for comparison and patterning (B.EL.4)

Unit	Description of Focus Area and Learning Targets
<b>Unit Title: Numbers</b> <u>Essential Questions:</u> <ul style="list-style-type: none"><li>What are numbers?</li></ul>	Students will use different materials to learn to count, identify, write, and <u>quantify</u> numbers. <u>Learning Targets:</u> <ul style="list-style-type: none"><li>I can count to 30.</li><li>I can count 20 objects.</li><li>I can identify numbers 1-20.</li><li>I can write numbers 1-10.</li><li>I can identify more than, less than, and the same.</li></ul>
<b>Unit Title: Shapes</b> <u>Essential Questions:</u> <ul style="list-style-type: none"><li>What is a shape?</li></ul>	Students will be able to identify 2D shapes. <u>Learning Targets:</u> <ul style="list-style-type: none"><li>I can name 9 2D shapes. (Circle, Square, Rectangle, Triangle, Heart, Star, Oval, Diamond, Hexagon)</li></ul>
<b>Unit Title: Colors</b> <u>Essential Questions:</u> <ul style="list-style-type: none"><li>What are colors?</li></ul>	Students will be able to identify colors. <u>Learning Targets:</u> <ul style="list-style-type: none"><li>I can name 11 colors. (Red, Orange, Yellow, Green, Blue, Purple, Pink, White, Black, Brown, Gray)</li></ul>
<b>Unit Title: Patterning</b> <u>Essential Questions:</u> <ul style="list-style-type: none"><li>Can I find a pattern in my environment?</li></ul>	Students will identify and demonstrate how to find and create patterns in their environment. <u>Learning Targets:</u> <ul style="list-style-type: none"><li>I can identify a pattern.</li><li>I can copy a 2-part pattern.</li><li>I can extend a 2-part pattern.</li><li>I can create my own 2-part pattern.</li></ul>

**Unit Title: Categorizing and Sorting**

Essential Questions:

- How can I put objects in different groups?

Students will sort objects by attributes.

Learning Targets:

- I can sort by color.
- I can sort by shape.
- I can sort by size.
- I can sort by object.