

**Madison Public Schools**  
**Kindergarten Marking Period Mathematics Benchmarks**

<b>Counting and Cardinality</b>	<b>MP#1</b>	<b>MP#2</b>	<b>MP#3</b>
Counts to 100 by ones and tens	Counts to 10 by ones	Counts to 100 by ones and tens	Accurately counts to 100 by ones and tens from any given number
Writes numbers from 0 to 20 to represent number of objects	Counts objects and writes corresponding numeral 0 to 10 to represent number of objects	Consistently counts objects and writes corresponding numeral 0 to 20 to represent number of objects	Accurately counts and properly forms numerals from 0 to 20 to represent number of objects
Compares numerals and quantities in a group (0 -10)	Uses strategies to compare quantities in a group to 10	Uses strategies to compare quantities in a group to 10 and writes corresponding numerals	Accurately uses strategies to compare quantities in a group to 10 and writes corresponding numerals
<b>Operations and Algebraic Thinking</b>	<b>MP#1</b>	<b>MP#2</b>	<b>MP#3</b>
Adds fluently within 5	Skills not assessed at this time.	Shows an understanding of putting groups together within 5 using pictures and manipulatives	Adds within 5 fluently
Subtracts fluently within 5	Skills not assessed at this time.	Shows an understanding of taking objects away within 5 by using pictures and manipulatives.	Subtracts within 5 fluently
Solves problems using the concepts of addition and subtraction within 10	Skills not assessed at this time.	Skills not assessed at this time.	Uses addition and subtraction strategies within 10 to solve word problems using objects and drawings
<b>Numbers and Operations Base Ten</b>	<b>MP#1</b>	<b>MP#2</b>	<b>MP#3</b>
Composes and decomposes numbers (11 to 19) into tens and ones	Skills not assessed at this time.	Composes and decomposes numbers (11 to 19) into tens and ones using objects and drawings	Accurately composes and decomposes numbers (11 to 19) into

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			tens and ones using objects, drawings, and/or equations
<b>Measurement and Data</b>	<b>MP#1</b>	<b>MP#2</b>	<b>MP#3</b>
Describes and compares measurable attributes	Describes and compares two objects with a measurable attribute in common such as size, length, or weight	Accurately describes and compares two objects with a measurable attribute in common such as size, length, or weight	Accurately describes and compares two objects with a measurable attribute in common such as size, length, or weight
Sorts, counts, and classifies objects into categories	Sorts, counts, and classifies objects by color	Sorts, counts, and classifies objects by color and size	Accurately sorts, counts, and classifies objects into categories (ex. color, shape)
<b>Geometry</b>	<b>MP#1</b>	<b>MP#2</b>	<b>MP#3</b>
Identifies and describes two and three dimensional shapes	Skills not assessed at this time.	Recognizes 2 and 3 -dimensional shapes.	Accurately identifies squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres as flat or solid figures.
Analyzes, compares and composes two and three dimensional shapes	Skills not assessed at this time.	Analyzes shapes and describes using informal language like number of sides or corners (vertices)	Accurately analyzes and compares shapes by size, , and attributes; composes simple shapes into larger shapes (2 triangles = square)