



**KENOSHA UNIFIED SCHOOL DISTRICT NO. 1  
INSTRUCTIONAL SERVICES**

**STANDARDS AND BENCHMARKS  
MATHEMATICS**

<b>KINDERGARTEN</b>
<b>STANDARD A: MATHEMATICAL PROCESSES</b>
<b>Representation, Reasoning, Problem Solving</b>
<b>Communication, Connections</b>
<i>I can create and solve number stories (e.g., addition, subtraction).</i>
<b>A-1.k</b>
<i>I can record and explain math ideas using math vocabulary (e.g., words, numbers, symbols, pictures, and graphs).</i>
<b>A-2.k</b>
<i>I can check that the answer makes sense.</i>
<b>A-3.k</b>
<i>I can find examples of math in the real world.</i>
<b>A-4.k</b>
<b>STANDARD B: NUMBER OPERATIONS AND RELATIONSHIPS</b>
<b>Number Concepts</b>
<b>Number Computation</b>
<i>I can count 30 objects.</i>
<b>B-1.k</b>
<i>I can understand first and last.</i>
<b>B-2.k</b>
<i>I can represent numbers (e.g., using words, num-bers, pictures, "unifix" cubes, and name-collection routines).</i>
<b>B-3.k</b>
<i>I can recognize numbers 0 through 100.</i>
<b>B-4.k</b>
<i>I can identify and form groups of zero to five+.</i>
<b>B-5.k</b>
<i>I can count by ones, fives, and tens to 120+.</i>
<b>B-6.k</b>
<i>I can count by twos to 30+.</i>
<b>B-7.k</b>
<i>I can count back 20 to 0.</i>
<b>B-8.k</b>
<i>I can write whole numbers 0 to 100 in order.</i>
<b>B-9.k</b>

*Most essential benchmarks appear in bold, italicized print.*

<b>KINDERGARTEN</b>
<i>I can understand the fraction one half.</i>
<b><i>B-10.k</i></b>
<i>I can build number families to five (e.g., writing number sentences: <math>2+2=4</math>, <math>1+3=4</math>, and <math>0+4=4</math>).</i>
<b><i>B-11.k</i></b>
<b>STANDARD C: GEOMETRY AND SPATIAL SENSE</b>
<b>Two- and Three-Dimensional Figures</b>
<b>Spatial Relationships and Transformations</b>
<b>Coordinate Systems</b>
<i>I can identify and describe a circle, square, triangle, rectangle, hexagon, trapezoid, and rhombus (e.g., how many sides? corners?).</i>
<b><i>C-1.k</i></b>
<b>STANDARD D: MEASUREMENT</b>
<b>Measurable Attributes/Units</b>
<b>Direct Measurement</b>
<b>Indirect Measurement</b>
<i>I can recognize a penny, nickel, dime, and quarter.</i>
<b><i>D-1.k</i></b>
<i>I can name and know the value of a penny, nickel, and dime.</i>
<b><i>D-2.k</i></b>
<i>I can compare sizes of objects (e.g., smaller, smallest and larger, largest).</i>
<b><i>D-3.k</i></b>
<i>I can tell time to the hour on analog and digital clocks.</i>
<b><i>D-4.k</i></b>
<b>STANDARD E: STATISTICS AND PROBABILITY</b>
<b>Data Analysis and Statistics</b>
<b>Probability</b>
<i>I can make a simple bar graph.</i>
<b><i>E-1.k</i></b>
<i>I can describe what is observed on a bar graph.</i>
<b><i>E-2.k</i></b>
<b>STANDARD F: ALGEBRAIC RELATIONSHIPS</b>
<b>Patterns, Relations, and Functions</b>
<b>Expressions, Equations, Inequalities</b>
<b>Properties</b>
<i>I can sort objects using different attributes.</i>
<b><i>F-1.k</i></b>
<i>I can describe a two- and three-part pattern orally or in writing (i.e., <math>ab</math>, <math>aabb</math>, and <math>abc</math>).</i>
<b><i>F-2.k</i></b>
<i>I can continue a two- and three-part pattern (e.g., <math>ab</math>, <math>abab</math>, <math>abc</math>).</i>
<b><i>F-3.k</i></b>

**KINDERGARTEN**

*I can create a two- and  
three-part pattern (e.g., ab, aabb, abc).*

***F-4.k***