

<p>4K Math Curriculum Focal Points</p>	<p>Grades 4K, 5K, 1, 2 Strategies</p>	<p>Address these Focal Points in contexts of the Process Standards: problem solving, reasoning, communication, making connections, and designing and analyzing representations.</p>
<p>4K Number and Operations and Algebra: Developing an understanding of whole numbers, including concepts of correspondence, counting, cardinality, and comparison.</p> <ul style="list-style-type: none"> Children recognize and duplicate simple sequential patterns (e.g., square, circle, square, circle....) <p>Geometry: Identifying shapes and describing spatial relationships</p> <p>Measurement: Identifying measurable attributes and comparing objects by using these attributes.</p> <p>Using attributes of objects that have been identified in relation to geometry and measurement for various purposes such as describing, sorting, or comparing.</p>	<p><u>Number and Operations</u></p> <p>4Ka (5K) Count with understanding and recognize “how many” in sets of objects.</p> <p>4Kb (5K) Sort, classify and order objects by size, number and other properties.</p> <p>4Kc Recognize, describe, and extend patterns such as sequences of sounds and shapes or simple numeric patterns and translate from one representation to another.</p> <p>4Kd (5K) Analyze how both repeating and growing patterns are generated.</p> <p>4Ke (5K) Describe qualitative change, such as a student’s growing taller.</p> <p><u>Geometry</u></p> <p>4Kf (5K) Recognize, build, draw, compare, and sort two- and three-dimensional shapes and name two-dimensional.</p> <p>4Kg (5K, 1) Describe attributes and parts of two- and three-dimensional shapes.</p> <p>4Kh (5K) Describe, name, and interpret relative positions in space and apply ideas about relative position.</p> <p>4Ki (5K, 2) Describe, name, and interpret direction and distance in navigating space and apply ideas about direction and distance.</p> <p>4Kj (5K) Find and name locations with simple relationships such as “near to” and in coordinate systems such as maps.</p>	

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	<p><u>Geometry (continued)</u></p> <p>4Kk (5K, 1) Create mental images of geometric shapes using spatial memory and spatial visualization.</p> <p>4Kl (5K, 1) Recognize geometric shapes and structures in the environment and specify their location.</p> <p><u>Measurement</u></p> <p>4Km (5K, 1, 2) Recognize the attributes of length, volume, weight, area, and time.</p> <p>4Kn (5K) Compare and order objects according to these attributes.</p> <p><u>Data Analysis and Probability</u></p> <p>4Ko Sort and classify objects according to their attributes and organize data about the objects.</p>	