

<b>5K Math Curriculum Focal Points</b>	<b>Grades 4K, 5K, 1, 2 Strategies</b>	Address these Focal Points in contexts of the Process Standards: problem solving, reasoning, communication, making connections, and designing and analyzing representations
<p><b>5K Number and Operations and Algebra:</b> Representing, comparing, and ordering whole numbers and joining and separating sets.</p> <ul style="list-style-type: none"> <li>Identify, duplicate, and extend simple number pattern and sequential and growing patterns as preparation for creating rules that describe relationships.</li> </ul> <p><b>Geometry:</b> Describing shapes and space</p> <p><b>Measurement and Algebra:</b> Ordering objects by measurable attributes</p> <ul style="list-style-type: none"> <li>Sort objects and use one or more attributes to solve problems</li> </ul>	<p><b><u>Number and Operations</u></b></p> <p>5Ka (4K) Count with understanding and recognize “how many” in sets of objects.</p> <p>5Kb (1) Develop understanding of the relative position and magnitude of whole numbers and or ordinal and cardinal numbers and their connections.</p> <p>5Kc (1) Connect number words and numerals to the quantities they represent, using various physical models and representations.</p> <p><b><u>Algebra</u></b></p> <p>5Kd (4K) Analyze how both repeating and growing patterns are generated.</p> <p>5Ke (1, 2) Use concrete, pictorial, and verbal representations to develop an understanding of invented and conventional symbolic notations.</p> <p>5Kf (4K, 1) Recognize, build, draw, compare, and sort two- and three-dimensional shapes and name two-dimensional shapes.</p> <p>5Kg (4K, 1) Describe attributes and parts of two- and three-dimensional shapes.</p> <p>5Kh (4K) Describe, name, and interpret direction and distance in navigating space and apply ideas about direction and distance.</p> <p>5Ki (4K) Find and name locations with simple relationships such as “near to” and in coordinate systems such as maps (this use of coordinate systems is not identified as focal point or connection)</p> <p>5Kj (4K, 1) Create mental images of geometric shapes using special memory and spatial visualization.</p>	

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	<p><b><u>Algebra (con't)</u></b></p> <p>5Kl (4K, 1) Recognize geometric shapes and structures in the environment and specify their location.</p> <p>5Km (4K) Sort, classify, and order objects by size, number and other properties.</p> <p>5Kn (4K) Describe quantitative change, such as student's growing taller.</p> <p><b><u>Measurement</u></b></p> <p>5Ko (4K, 1, 2) Recognize the attributes of length, volume, weight, area, and time</p> <p>5Kp (4K) Compare and order objects according to those attributes.</p> <p><b><u>Data Analysis and Probability</u></b></p> <p>5Kq (4K) Sort and classify objects according to their attributes and organize data about the objects</p> <p>5Kr (1) Describe parts of the data and the set of data as a whole to determine what the data show.</p> <p>5Ks Pose questions and gather data according to their attributes and organize data about the objects.</p> <p><b>Critical Concepts That Are Not Focal Points</b></p> <p>5Kt Develop an understanding of time and use of time relationship (e.g., morning, afternoon, later, earlier, passage of time, etc.)</p>	