

Critical Areas of Focus for Mathematics Grades K - 2

Kindergarten	Grade 1	Grade 2
<p>Develop the concept of number with respect to:</p> <ul style="list-style-type: none"> Counting Sequences Counting to tell the number of objects Representing quantities 	<p>Develop place value understanding with two-digit numbers and properties of operations to deepen student's understanding of whole number relationships</p>	<p>Expand student's understanding of place value, addition, and subtraction</p>
<p>Introduce addition and subtraction of whole numbers and model simple joining and separating situations with objects</p>	<p>Apply previous experiences with counting to develop a rich understanding of addition and subtraction</p>	<p>Apply understanding of addition and subtraction to solve problems</p>
<p>Build basic geometric concepts by using the student's physical world to identify and describe shapes</p>	<p>Reason about the attributes of and compose and decompose geometric shapes and develop an understanding of linear measurement</p>	<p>Lay the foundation for geometric concepts such as area and volume and develop an understanding for the need for standard units of linear measurement</p>

The Standards for Mathematical Practice

<ol style="list-style-type: none"> 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning. 	<p><i>The Standards for Mathematical Practice describe "how" students should interact with the "what" of the content standards. Teachers must integrate these standards into their daily lessons carefully selecting those practices that connect to the content.</i></p>
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