

**Content Standard A1  
Second Grade Level  
Numeration**

*A Student should understand and use numeration including number systems,  
counting numbers, whole numbers, integers and fractions.*

<b>State Mathematics Performance Standards K-2<sup>nd</sup></b>	<b>KGBSD Student Objectives</b>	
<p>M1.1.1 Read, write, model, order , count, and demonstrate one-to-one correspondence with whole numbers up to 100.</p> <p>M1.1.2 Use, model, and identify place value positions of 1's, 10's, and 100's.</p> <p>M1.1.3 Model and explain the processes of addition and subtraction, describing the relationship between the operations.</p> <p>M1.1.4 Select and use various representations of ordinal and cardinal numbers.</p> <p>M1.1.5 Identify, model, and label simple fractions, describing and defining them as equal parts of a whole, a region, or a set.</p>	<p>1.1 Read, count, write, and sequence whole numbers 0-1000</p> <p>2.1 Build numbers to 1,000</p> <p>2.2 Identify place value positions of 1.s, 10's and 100's</p> <p>3.1 Model and explain the processes of addition and subtraction, describing the relationship between the operations (fact families)</p> <p>4.1 Identify and arrange ordinal and cardinal numbers through twelfth</p> <p>5.1 Recognize fractions as parts of a whole and as parts of a group (set)</p> <p>5.2 Read numerals for halves, thirds, and fourths</p> <p>5.3 Compare fractional parts for halves, thirds, and fourths (greater than, less than)</p>	

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<p>M1.1.6 Identify, describe, and extend patterns inherent in the number system. Skip count by 2's 5's and 10's. Add and subtract by 10, Identify even and odd numbers.</p> <p>M1.1.7 Demonstrate the commutative and identity properties of addition.</p>	<p>5.4 Model equal parts of a whole (<math>4/4=1</math>; <math>2/2=1</math>; <math>3/3=1</math>)</p> <p>6.1 Count by 2's, 5's, and 10's to 100</p> <p>6.2 Identify even and odd numbers</p> <p>7.1 Identify subtraction facts related to addition facts (fact families: <math>4+9=13</math>, <math>13-4=9</math>)</p> <p>7.2 Understand commutative property: add two numbers or variables so you can change the order without changing the sum <math>a + b = b + a</math></p> <p>7.3 Understands associative property add numbers or variables so you can group them in different ways without changing the sum <math>(a + b) + c = a + (b + c)</math></p> <p>7.4 Understands identity property when you add 0 to a number or variable, the result is the same number or sum <math>a + 0 = 0 + a = a</math></p>	