

## Grades K – 5 Major Areas of Focus & Required Fluencies

Domain	Kindergarten	1 <sup>st</sup> Grade	2 <sup>nd</sup> Grade	3 <sup>rd</sup> Grade	4 <sup>th</sup> Grade	5 <sup>th</sup> Grade
<b>CC</b>	<p>Know number names and the count sequence.</p> <p>Count to tell the number of objects.</p> <p>Compare numbers.</p>					
<b>OA</b>	<p>Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.</p>	<p>Represent and solve problems involving addition and subtraction.</p> <p>Understand and apply properties of operations and the relationship between addition and subtraction.</p> <p>Add and subtract within 20.</p> <p>Work with addition and subtraction equations.</p>	<p>Represent and solve problems involving addition and subtraction.</p> <p>Add and subtract within 20.</p>	<p>Represent and solve problems involving multiplication and division.</p> <p>Understand properties of multiplication and the relationship between multiplication and division.</p> <p>Multiply and divide within 100.</p> <p>Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p>	<p>Use the four operations with whole numbers to solve problems.</p>	
<b>NBT</b>	<p>Work with numbers 11–19 to gain foundations for place value.</p>	<p>Extend the counting sequence.</p> <p>Understand place value.</p> <p>Use place value understanding and the properties of operations to add and subtract.</p>	<p>Understand place value.</p> <p>Use place value understanding and the properties of operations to add and subtract.</p>		<p>Generalize place value understanding for multi-digit whole numbers.</p> <p>Use place value understanding and properties of operations to perform multi-digit arithmetic</p>	<p>Understand the place value system.</p> <p>Perform operations with multi-digit whole numbers and with decimals to hundredths.</p>
<b>NF</b>				<p>Develop understanding of fractions as numbers.</p>	<p>Extend understanding of fraction equivalence and ordering.</p> <p>Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.</p> <p>Understand decimal notation for fractions, and compare decimal fractions.</p>	<p>Use equivalent fractions as a strategy to add and subtract fractions.</p> <p>Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</p>
<b>MD</b>		<p>Measure lengths indirectly and by iterating length units.</p>	<p>Measure and estimate lengths in standard units.</p> <p>Relate addition and subtraction to length.</p>	<p>Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.</p> <p>Geometric measurement: understand concepts of area and relate area to multiplication and to addition.</p>		<p>Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.</p>
<b>Required Fluencies</b>	Add and subtract within 5	Add/subtract within 10.	<p>Single-digit sums and differences (sums from memory by the end of Grade 2).</p> <p>Add and subtract within 100.</p>	<p>Single-digit products and quotients (products from memory by the end of Grade 3).</p> <p>Add and subtract within 1000.</p>	Add/subtract within 1,000,000.	Multi-digit multiplication.