

Second Grade Scope and Sequence

Unit	Essential Questions	Standards	Unit Time Frame
Number Patterns (Unit 1)	What patterns can we find in the number system?	2.NBT.A. Understand place value. 2.MD.C. Work with time and money.	4 ½ Weeks
Adding and Subtracting within 20 (Unit 2)	Why do we represent numbers in different ways?	2.OA.A. Represent and solve problems involving addition and subtraction. 2.OA.B. Add and subtract within 20. 2.OA.C. Work with equal groups of objects to gain foundations for multiplication. 2.MD.D. Represent and interpret data.	4 ½ Weeks
Exploring Place Value and Comparing Numbers (Unit 3)	How does the placement of a digit in a number affect its value? In what ways can numbers be represented?	2.NBT.A. Understand place value. 2.NBT.B. Use place value understanding and properties of operations to add and subtract.	4 ½ Weeks
Adding and Subtracting Within 100 (Unit 4)	How can I represent and solve word problems? How can I explain or show my thinking for the problem? How can I represent and solve a word problem involving money?	2.OA.A. Represent and solve problems involving addition and subtraction. 2.NBT.B. Use place value understanding and properties of operations to add and subtract. 2.MD.C. Work with time and money.	4 ½ Weeks

<p>Linear Measurement (Unit 5)</p>	<p>When is an estimate more appropriate than an actual measurement? Why measure with standard units?</p>	<p>2.MD.A. Measure and estimate lengths in standard units. 2.MD.B. Relate addition and subtraction to length. 2.MD.D. Represent and interpret data.</p>	<p>4 ½ Weeks</p>
<p>More Adding and Subtracting (Unit 6)</p>	<p>In what ways can numbers be combined or taken apart to help add and subtract? How can I represent and solve a word problem involving length? How can I represent and solve a word problem involving money? How can I explain or show my thinking for the problem? How can I represent and solve a word problem?</p>	<p>2.OA.A. Represent and solve problems involving addition and subtraction. 2.NBT.B. Use place value understanding and properties of operations to add and subtract. 2.MD.C. Work with time and money.</p>	<p>4 ½ Weeks</p>
<p>Addition and Subtraction of 3-Digit Numbers (Unit 7)</p>	<p>How can I explain or show my thinking for the problem? In what ways can I efficiently add and subtract 2 three-digit numbers? How can I represent and solve a word problem?</p>	<p>2.OA.A. Represent and solve problems involving addition and subtraction. 2.NBT.B. Use place value understanding and properties of operations to add and subtract. 2.MD.C. Work with time and money.</p>	<p>4 ½ Weeks</p>

	How can I explain or show my thinking for the problem?		
<p>Geometry and Foundations of Multiplication (Unit 8)</p>	<p>How can I identify, describe, and compare shapes?</p> <p>How can repeated addition be represented by a rectangular array in multiple ways?</p> <p>How can different shapes be the same?</p> <p>How can a whole be decomposed into smaller equal shares?</p> <p>What terms can be used to name equal shares?</p> <p>How can equal shares of a whole be shown in different ways?</p> <p>How can you prove the shares of a whole are equal?</p>	<p>2.OA.C. Work with equal groups of objects to gain foundations for multiplication.</p> <p>2.G.A. Reason with shapes and their attributes.</p>	<p>4 ½ Weeks</p>