

2nd Grade Scope and Sequence: Math

Unit of Study	Central Theme	Essential Question(s)	Resources	Standards
<p style="text-align: center;">Unit 1 September 6 – October 14</p>	<p style="text-align: center;">Numbers & Operations in Base Ten</p> <p style="text-align: center;">Operations and Algebraic Thinking</p>	<p style="text-align: center;">How do you use place value to find the values of numbers and describe numbers in different ways?</p> <p style="text-align: center;">How can you use place value to model, write, and compare three digit numbers?</p>	<p>Go Math Worktext</p> <ul style="list-style-type: none"> • Chapter 1 (Lessons 1-9) • Chapter 2 (Lessons 1-12) <p>Go Math Assessments</p> <ul style="list-style-type: none"> • Mid-Chapter Checkpoint • Chapter Test <p>Grab and Go Resources http://www.math-aids.com/</p> <p>iPad</p> <p>Judy Clock</p> <p>Fact Fluency Sheets</p> <p>White Board Practice</p> <p>Go Math Resources</p> <ul style="list-style-type: none"> • Intervention Kit • Reteach Blackline Masters Books • Enrich Blackline Masters Books • Digital Resources 	<p>CC.2.1.2.B.1 Use place-value concepts to represent amounts of tens and ones and to compare three digit numbers.</p> <p>CC.2.1.2.B.2 Use place-value concepts to read, write, and skip count to 1000.</p> <p>CC.2.1.2.B.3 Use place-value understanding and properties of operations to add and subtract within 1000.</p> <p>CC.2.2.2.A.1 Represent and solve problems involving addition and subtraction within 100.</p> <p>CC.2.2.2.A.2 Use mental strategies to add and subtract within 20.</p> <p>CC.2.2.2.A.3 Work with equal groups of objects to gain foundations for multiplication.</p>
	<p style="text-align: center;">Numbers & Operations in Base Ten</p> <p style="text-align: center;">Operations and Algebraic Thinking</p>	<p style="text-align: center;">How can you use patterns and strategies to find sums and differences for basic facts?</p> <p style="text-align: center;">How do you use</p>	<p>Go Math Worktext</p> <ul style="list-style-type: none"> • Chapter 3 (Lesson 1-11) • Chapter 4 (Lesson 1-12) <p>Go Math Assessments</p> <ul style="list-style-type: none"> • Mid-Chapter Checkpoint • Chapter Test <p>Grab and Go Resources http://www.math-aids.com/</p>	<p>CC.2.1.2.B.1 Use place-value concepts to represent amounts of tens and ones and to compare three digit numbers.</p> <p>CC.2.1.2.B.2 Use place-value concepts to read, write, and skip count to 1000.</p> <p>CC.2.1.2.B.3</p>

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<p style="text-align: center;">Unit 2</p> <p style="text-align: center;">October 17 – November 23</p>		<p>place value to add two digit numbers, and what are some different ways to add two digit numbers?</p>	<p>iPad Judy Clock Fact Fluency Sheets White Board Practice Go Math Resources</p> <ul style="list-style-type: none"> • Intervention Kit • Reteach Blackline Masters Books • Enrich Blackline Masters Books • Digital Resources 	<p>Use place-value understanding and properties of operations to add and subtract within 1000.</p> <p>CC.2.2.2.A.1 Represent and solve problems involving addition and subtraction within 100.</p> <p>CC.2.2.2.A.2 Use mental strategies to add and subtract within 20.</p> <p>CC.2.2.2.A.3 Work with equal groups of objects to gain foundations for multiplication.</p>
<p style="text-align: center;">Unit 3</p> <p style="text-align: center;">November 28 – January 27 (Buffer Week)</p>	<p style="text-align: center;">Numbers & Operations in Base Ten/ Operations and Algebraic Thinking</p>	<p>How do you use place value to subtract two digit numbers with and without regrouping?</p> <p>What are some strategies for adding and subtracting three digit numbers?</p>	<p>Go Math Worktext</p> <ul style="list-style-type: none"> • Chapter 5 (Lesson 1-11) • Chapter 6 (Lessons 1-10) <p>Go Math Assessments</p> <ul style="list-style-type: none"> • Mid-Chapter Checkpoint • Chapter Test <p>Grab and Go Resources http://www.math-aids.com/</p> <p>iPad Judy Clock Fact Fluency Sheets White Board Practice Go Math Resources</p> <ul style="list-style-type: none"> • Intervention Kit • Reteach Blackline Masters Books • Enrich Blackline Masters Books 	<p>CC.2.1.2.B.1 Use place-value concepts to represent amounts of tens and ones and to compare three digit numbers.</p> <p>CC.2.1.2.B.2 Use place-value concepts to read, write, and skip count to 1000.</p> <p>CC.2.1.2.B.3 Use place-value understanding and properties of operations to add and subtract within 1000.</p> <p>CC.2.2.2.A.1 Represent and solve problems involving addition and subtraction within 100.</p> <p>CC.2.2.2.A.2 Use mental strategies to add and subtract within 20.</p>

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			<ul style="list-style-type: none"> Digital Resources 	CC.2.2.2.A.3 Work with equal groups of objects to gain foundations for multiplication.
Unit 4 January 30 – March 3	Measurement and Data	<p>How do you use the values of coins and bills to find the total value of a group of money, and how do you read times shown on analog and digital clocks?</p> <p>How do tally charts, picture graphs, and bar graphs help you solve problems?</p>	Go Math Worktext <ul style="list-style-type: none"> Chapter 7 (Lessons 1-11) Chapter 10 (Lesson 1-6) Go Math Assessments <ul style="list-style-type: none"> Mid-Chapter Checkpoint Chapter Test Grab and Go Resources http://www.math-aids.com/ iPad Judy Clock Fact Fluency Sheets White Board Practice Go Math Resources <ul style="list-style-type: none"> Intervention Kit Reteach Blackline Masters Books Enrich Blackline Masters Books Digital Resources 	CC.2.4.2.A.1 Measure and estimate lengths in standard units using appropriate tools. CC.2.4.2.A.2 Tell and write time to the nearest five minutes using both analog and digital clocks. CC.2.4.2.A.3 Solve problems and make change using coins and paper currency with appropriate symbols.
Unit 5 March 6 – April 11	Measurement and Data	What are some of the methods and tools that can be used to estimate and measure length?	Go Math Worktext <ul style="list-style-type: none"> Chapter 8 (Lessons 1-9) Chapter 9 (Lessons 1-7) Go Math Assessments <ul style="list-style-type: none"> Mid-Chapter Checkpoint Chapter Test 	CC.2.4.2.A.1 Measure and estimate lengths in standard units using appropriate tools. CC.2.4.2.A.2 Tell and write time to the nearest five minutes using both analog and

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		<p>What are some of the methods and tools that can be used to estimate and measure length in metric units?</p>	<p>Grab and Go Resources http://www.math-aids.com/ iPad Judy Clock Fact Fluency Sheets White Board Practice Go Math Resources</p> <ul style="list-style-type: none"> • Intervention Kit • Reteach Blackline Masters Books • Enrich Blackline Masters Books • Digital Resources 	<p>digital clocks. CC.2.4.2.A.3 Solve problems and make change using coins and paper currency with appropriate symbols.</p>
<p>Unit 6 April 18 – May 12</p>	<p>Geometry</p>	<p>What are some two dimensional shapes and three dimensional, and how can you show equal parts of shapes?</p>	<p>Go Math</p> <ul style="list-style-type: none"> • Chapter 11 (Lessons 1-10) <p>Go Math Assessments</p> <ul style="list-style-type: none"> • Mid-Chapter Checkpoint • Chapter Test <p>Grab and Go Resources http://www.math-aids.com/ iPad Judy Clock Fact Fluency Sheets White Board Practice Go Math Resources</p> <ul style="list-style-type: none"> • Intervention Kit • Reteach Blackline Masters Books • Enrich Blackline Masters Books • Digital Resources 	<p>CC.2.3.2.A.1 Analyze and draw two- and three-dimensional shapes having specified attributes.</p> <p>CC.2.3.2.A.2 Use the understanding of fractions to partition shapes into halves, quarters, and thirds.</p>

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<p>Unit 7 May 15 – June 9</p>	<p>Getting Ready for 3rd Grade</p>	<p>What do you need to know to get ready for 3rd Grade?</p>	<p>Go Math Practice Book</p> <ul style="list-style-type: none">• Lessons 1-20 <p>Go Math Assessments</p> <ul style="list-style-type: none">• Checkpoints <p>Grab and Go Resources http://www.math-aids.com/</p> <p>iPad</p> <p>Judy Clock</p> <p>Fact Fluency Sheets</p> <p>White Board Practice</p> <p>Go Math Resources</p> <ul style="list-style-type: none">• Intervention Kit• Reteach Blackline Masters Books• Enrich Blackline Masters Books• Digital Resources	<p>Extends all standards for math content.</p>
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