<table>
<thead>
<tr>
<th>Grade</th>
<th>Strand</th>
<th>#</th>
<th>Standard</th>
<th>Symphony Math</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>Number &amp; Operations</td>
<td>1.PO.1</td>
<td>Express whole numbers to 20 using and connecting multiple representations.</td>
<td>Quantity</td>
</tr>
<tr>
<td>K</td>
<td>Number &amp; Operations</td>
<td>1.PO.4</td>
<td>Compare and order whole numbers through 20.</td>
<td>Symbols</td>
</tr>
<tr>
<td>K</td>
<td>Number &amp; Operations</td>
<td>2.PO.1</td>
<td>Solve contextual problems by developing, applying, and recording strategies with sums and minuends to 10 using objects, pictures and symbols.</td>
<td>Addition &amp; Subtraction Story Problems</td>
</tr>
<tr>
<td>K</td>
<td>Number &amp; Operations</td>
<td>2.PO.2</td>
<td>Develop and use multiple strategies to determine sums to 10 and differences with minuends to 10.</td>
<td>Addition &amp; Subtraction Symbols</td>
</tr>
<tr>
<td>K</td>
<td>Number &amp; Operations</td>
<td>2.PO.3</td>
<td>Create word problems based on sums to 10 and differences with minuends to 10.</td>
<td>Addition &amp; Subtraction Story Problems</td>
</tr>
<tr>
<td>K</td>
<td>Patterns, Algebra &amp; Functions</td>
<td>3.PO.1</td>
<td>Record equivalent forms of whole numbers to 10 by constructing models and using numbers.</td>
<td>Addition &amp; Subtraction Manipulatives &amp; Symbols</td>
</tr>
<tr>
<td>K</td>
<td>Patterns, Algebra &amp; Functions</td>
<td>3.PO.2</td>
<td>Compare expressions using spoken words and the symbol =.</td>
<td>Quantity Auditory Sentences</td>
</tr>
<tr>
<td>K</td>
<td>Measurement</td>
<td>4.PO.1</td>
<td>Compare and order objects according to observable and measurable attributes.</td>
<td>Quantity Manipulatives</td>
</tr>
<tr>
<td>K</td>
<td>Measurement</td>
<td>4.PO.2</td>
<td>Use the attribute of length to describe and compare objects using non-standard units.</td>
<td>Addition &amp; Subtraction Manipulatives</td>
</tr>
<tr>
<td>K</td>
<td>Logic, Reasoning, Problem Solving &amp; Proof</td>
<td>2.PO.1</td>
<td>Identify the question(s) asked and any other questions that need to be answered in order to find a solution.</td>
<td>Addition &amp; Subtraction All</td>
</tr>
<tr>
<td>K</td>
<td>Logic, Reasoning, Problem Solving &amp; Proof</td>
<td>2.PO.2</td>
<td>Identify the given information that can be used to find a solution.</td>
<td>Addition &amp; Subtraction Story Problems</td>
</tr>
<tr>
<td>Grade</td>
<td>Strand</td>
<td>Standard</td>
<td>Module</td>
<td>Activity</td>
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<tr>
<td>K</td>
<td>Logic, Reasoning, Problem Solving &amp; Proof</td>
<td>2.PO.3</td>
<td>Select from a variety of problem-solving strategies and use one or more strategies to arrive at a solution.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>K</td>
<td>Logic, Reasoning, Problem Solving &amp; Proof</td>
<td>2.PO.4</td>
<td>Represent a problem situation using any combination of words, numbers, pictures, physical objects, or symbols.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>K</td>
<td>Logic, Reasoning, Problem Solving &amp; Proof</td>
<td>2.PO.5</td>
<td>Explain and clarify mathematical thinking.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>K</td>
<td>Logic, Reasoning, Problem Solving &amp; Proof</td>
<td>2.PO.6</td>
<td>Determine whether a solution is reasonable.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>1</td>
<td>Number &amp; Operations</td>
<td>1.PO.1</td>
<td>Express whole numbers 0 to 100, in groups of tens and ones using and connecting multiple representations.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Number &amp; Operations</td>
<td>1.PO.4</td>
<td>Compare and order whole numbers through 100 by applying the concepts of place value.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Number &amp; Operations</td>
<td>2.PO1</td>
<td>Solve contextual problems using multiple representations for addition and subtraction facts.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>1</td>
<td>Number &amp; Operations</td>
<td>2.PO.2</td>
<td>Demonstrate addition and subtraction of numbers that total less than 100 by using various representations that connect to place value concepts.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Number &amp; Operations</td>
<td>2.PO.3</td>
<td>Develop and use multiple strategies for addition facts to 10+10 and their related subtraction facts.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>1</td>
<td>Number &amp; Operations</td>
<td>2.PO.4</td>
<td>Create word problems based on addition and subtraction facts.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>1</td>
<td>Number &amp; Operations</td>
<td>2.PO.5</td>
<td>Apply properties to solve addition/subtraction problems • identity property of addition/subtraction and • commutative property of addition.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>1</td>
<td>Patterns, Algebra, &amp; Functions</td>
<td>3.PO.1</td>
<td>Record equivalent forms of whole numbers to 100 by constructing models and using numbers.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Patterns, Algebra, &amp; Functions</td>
<td>3.PO.2</td>
<td>Compare expressions using spoken words and the symbols = and ≠.</td>
<td>Quantity</td>
</tr>
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<tr>
<td>1</td>
<td>Patterns, Algebra, &amp; Functions</td>
<td>3.PO.3</td>
<td>Represent a word problem requiring addition or subtraction facts using an equation.</td>
<td>Symphony Math</td>
</tr>
<tr>
<td>1</td>
<td>Geometry &amp; Measurement</td>
<td>4.PO.1</td>
<td>Compare and order objects according to length, capacity, and weight.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Logic, Reasoning, Problem Solving, &amp; Proof</td>
<td>5.PO.1</td>
<td>Identify the question(s) asked and any other questions that need to be answered in order to find a solution.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Logic, Reasoning, Problem Solving, &amp; Proof</td>
<td>5.PO.2</td>
<td>Identify the given information that can be used to find a solution.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Logic, Reasoning, Problem Solving, &amp; Proof</td>
<td>5.PO.3</td>
<td>Select form a variety of problem-solving strategies and use one or more strategies to arrive at a solution.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Logic, Reasoning, Problem Solving, &amp; Proof</td>
<td>5.PO.4</td>
<td>Represent a problem situation using any combination of words, numbers, pictures, physical objects, or symbols.</td>
<td>Place Value</td>
</tr>
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<td>1</td>
<td>Logic, Reasoning, Problem Solving, &amp; Proof</td>
<td>5.PO.5</td>
<td>Explain and clarify mathematical thinking.</td>
<td>Place Value</td>
</tr>
<tr>
<td>1</td>
<td>Logic, Reasoning, Problem Solving, &amp; Proof</td>
<td>5.PO.6</td>
<td>Determine whether a solution is reasonable.</td>
<td>Place Value</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>1.PO.1</td>
<td>Express whole numbers 0 to 1000, in groups of hundreds, tens and ones using and connecting multiple representations.</td>
<td>Place Value</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>1.PO.4</td>
<td>Compare and order whole numbers through 1000 by applying the concept of place value.</td>
<td>Place Value</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>2.PO.1</td>
<td>Solve contextual problems using multiple representations involving • addition and subtraction with one- and/or two- digit numbers, • multiplication for 1s, 2s, 5s, and 10s, and • adding and subtracting money to $1.00</td>
<td>Multiplication &amp; Division Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>2.PO.2</td>
<td>Demonstrate the ability to add and subtract whole numbers (to two digits) and decimals (in the context of money) • with up to three addends and • to $1.00</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
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<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>2.PO.3</td>
<td>Demonstrate fluency of addition and subtraction facts.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>2.PO.4</td>
<td>Apply and interpret the concept of addition and subtraction as inverse operations to solve problems.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>2.PO.5</td>
<td>Create and solve word problems based on addition and subtraction of two digit numbers.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>2.PO.6</td>
<td>Demonstrate the concept of multiplication for 1s, 2s, 5s, and 10s.</td>
<td>Multiplication &amp; Division</td>
</tr>
<tr>
<td>2</td>
<td>Number &amp; Operations</td>
<td>2.PO.8</td>
<td>Apply properties to solve addition/subtraction problems</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Patterns, Algebra, and Functions</td>
<td>3.PO.1</td>
<td>Record equivalent forms of whole numbers to 1000 by constructing models and using numbers.</td>
<td>Place Value</td>
</tr>
<tr>
<td>2</td>
<td>Patterns, Algebra, and Functions</td>
<td>3.PO.2</td>
<td>Compare expressions using spoken words and the symbols =, ≠, &lt;, and &gt;.</td>
<td>Quantity</td>
</tr>
<tr>
<td>2</td>
<td>Patterns, Algebra, and Functions</td>
<td>3.PO.3</td>
<td>Represent a word problem requiring addition or subtraction through 100 using an equation.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Patterns, Algebra, and Functions</td>
<td>3.PO.4</td>
<td>Identify the value of an unknown number in an equation involving an addition or subtraction fact.</td>
<td>Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Structure &amp; Logic</td>
<td>5.PO.1</td>
<td>Identify the question(s) asked and any other questions that need to be answered in order to find a solution.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Structure &amp; Logic</td>
<td>5.PO.2</td>
<td>Identify the given information that can be used to find a solution.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Structure &amp; Logic</td>
<td>5.PO.3</td>
<td>Select from a variety of problem-solving strategies and use one or more strategies to arrive at a solution.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
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<tr>
<td>2</td>
<td>Structure &amp; Logic</td>
<td>5.PO.4</td>
<td>Represent a problem situation using any combination of words, numbers, pictures, physical objects, or symbols.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Structure &amp; Logic</td>
<td>5.PO.5</td>
<td>Explain and clarify mathematical thinking.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>2</td>
<td>Structure &amp; Logic</td>
<td>5.PO.6</td>
<td>Determine whether a solution is reasonable.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>3</td>
<td>Number &amp; Operations</td>
<td>2.PO.1</td>
<td>Add and subtract whole numbers to four digits.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>3</td>
<td>Number &amp; Operations</td>
<td>2.PO.2</td>
<td>Create and solve word problems based on addition, subtraction, multiplication, and division.</td>
<td>Multi-Digit Addition &amp; Subtraction</td>
</tr>
<tr>
<td>3</td>
<td>Number &amp; Operations</td>
<td>2.PO.3</td>
<td>Demonstrate the concept of multiplication and division using multiple models.</td>
<td>Multiplication &amp; Division</td>
</tr>
<tr>
<td>3</td>
<td>Number &amp; Operations</td>
<td>2.PO.4</td>
<td>Demonstrate fluency of multiplication and division facts through 10.</td>
<td>Multiplication &amp; Division</td>
</tr>
<tr>
<td>3</td>
<td>Number &amp; Operations</td>
<td>2.PO.5</td>
<td>Apply and interpret the concept of multiplication and division as inverse operations to solve problems.</td>
<td>Multiplication &amp; Division</td>
</tr>
<tr>
<td>3</td>
<td>Number &amp; Operations</td>
<td>2.PO.6</td>
<td>Describe the effect of operations (multiplication and division) on the size of whole numbers.</td>
<td>Multiplication &amp; Division</td>
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<td>3</td>
<td>Number &amp; Operations</td>
<td>2.PO.7</td>
<td>Apply commutative, identity, and zero properties to multiplication and apply the identify property to division.</td>
<td>Multiplication &amp; Division</td>
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<tr>
<td>3</td>
<td>Patterns, Algebra, &amp; Functions</td>
<td>2.PO.2</td>
<td>Translate between the different representations of whole number relationships, including symbolic, numerical, verbal, or pictorial.</td>
<td>Multiplication &amp; Division</td>
</tr>
<tr>
<td>3</td>
<td>Patterns, Algebra, &amp; Functions</td>
<td>3.PO.2</td>
<td>Use a symbol to represent an unknown quantity in a given context.</td>
<td>Multiplication &amp; Division</td>
</tr>
<tr>
<td>3</td>
<td>Patterns, Algebra, &amp; Functions</td>
<td>3.PO.3</td>
<td>Create and solve simple one-step equations that can be solved using addition and multiplication facts.</td>
<td>Multiplication &amp; Division</td>
</tr>
<tr>
<td>3</td>
<td>Structure &amp; Logic</td>
<td>2.PO.1</td>
<td>Analyze a problem situation to determine the question(s) to be answered.</td>
<td>Multiplication &amp; Division</td>
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</tbody>
</table>