

<b>Concept</b>	<b>Kindergarten</b>	<b>First</b>	<b>Second</b>
<b>Patterns</b>	<p><i>Patterns show order in the world.</i></p> <ul style="list-style-type: none"> <li>•1.K.1.1 discriminate between patterns and random arrangements or designs</li> <li>•1.K.1.2 identify, describe, copy, extend, and construct simple patterns</li> </ul>	<p><i>Patterns can be found in many different forms.</i></p> <ul style="list-style-type: none"> <li>•1.1.1.1 recognize, describe, extend, and create repeating patterns using models</li> <li>•1.1.1.2 copy, continue and record patterns with actions, words, and objects; translate pattern into another form</li> </ul>	<p><i>Patterns can grow and repeat.</i></p> <ul style="list-style-type: none"> <li>•1.2.1.1 recognize, describe, extend, and create repeating and increasing patterns using models and numbers</li> <li>•1.2.1.2 use patterns to continue numerical sequences and identify the rule</li> </ul>
<b>Data Display</b>	<p><i>Some questions generate data which can be organized to tell a story.</i></p> <ul style="list-style-type: none"> <li>•4.K.1.1 ask and answer simple questions to generate data</li> <li>•4.K.2.1 work in a group to organize and display data, using tallies, bar graphs, and pictographs</li> </ul>	<p><i>Graphs convey data in a concise way.</i></p> <ul style="list-style-type: none"> <li>•4.1.1.1 gather and organize relevant data to answer a simple question</li> <li>•4.1.2.1 organize and display data using tallies bar graphs, and pictographs (using one to one correspondence)</li> </ul>	<p><i>Data displays organize information that can be easily analyzed.</i></p> <ul style="list-style-type: none"> <li>•4.2.1.1 gather and organize data from surveys and classroom experiments</li> <li>•4.2.2.1 organize and display data in more than one way</li> <li>•4.2.3.1 interpret data from tally charts, pictographs, and bar graphs in terms of more, less, and equal</li> </ul>
<b>Number Sense</b>	<p><i>Quantities can be counted and compared using numbers, words, and numerals.</i></p> <ul style="list-style-type: none"> <li>•6.K.1.2 write and count (using 1 to 1 correspondence) with whole numbers to 31 or beyond</li> <li>•6.K.3.1 recognize sets as having an odd or even number of elements</li> </ul>	<p><i>Counting is a strategy for finding the answer to how many.</i></p> <ul style="list-style-type: none"> <li>•6.1.1.2 read and write numerals to 100 and words that represent numbers up to ten</li> <li>•6.1.2.2 count to determine the number of items in a set (1’s, 2’s, and 5’s to 30 and 10’s to 100) using various methods</li> <li>•6.1.2.3 identify a number that is one more, one less, before, or after another number; identify a number or numbers located between two other numbers</li> <li>•6.1.3.1 identify odd and even numbers using objects</li> </ul>	<p><i>Fractions represent parts of a whole.</i></p> <ul style="list-style-type: none"> <li>•6.2.1.2 read and write numerals including those that represent common fractions.</li> <li>•6.2.2.2 identify and use 10 more and 10 less</li> <li>•6.2.3.1 generalize ways to determine odd or even</li> </ul>

	<p><i>Quantities can be represented in a variety of ways.</i></p> <ul style="list-style-type: none"> <li>•6.K.1.1 model single digit numbers in a variety of ways</li> </ul>	<p><i>Numbers are used to represent quantity.</i></p> <ul style="list-style-type: none"> <li>•6.1.1.1 model one- and two- digit whole numbers using a variety of groupings</li> <li>•6.1.2.4 model 10 more/less to 100</li> </ul>	<p><i>The groupings of 1's, 10's, and 100's for a given number can be taken apart in different ways.</i></p> <ul style="list-style-type: none"> <li>•6.2.1.1 model multi-digit numbers</li> <li>•6.2.2.4 use, model, and label place value positions of 1's, 10's, and 100's</li> </ul>
<p><b>Money</b></p>	<p><i>Quantities can be represented in a variety of ways with objects and numerals</i></p> <ul style="list-style-type: none"> <li>•6.K.1.5 determine the value of any set of coins through nineteen cents</li> <li>6.K.1.4 identify penny, nickel, dime and their values</li> </ul>	<p><i>Monetary values can be represented in a variety of ways.</i></p> <ul style="list-style-type: none"> <li>•6.1.1.5 name and determine the value of any set of coins with a value through one dollar.</li> </ul>	<p><i>The decimal point separates the whole from the parts.</i></p> <ul style="list-style-type: none"> <li>•6.2.1.6 determine the value of currency through ten dollars</li> </ul>