

<u>Mathematics</u>	
Number Operations	
	<p>The students will be able to:</p> <ul style="list-style-type: none"> ▪ Read and write numbers in order and isolation between 100 and 999. ▪ Build numbers through the 100's place. ▪ Add and subtract two- and three-digit numbers with and without renaming. ▪ Memorize addition and subtraction facts with 85% accuracy. ▪ Use a variety of strategies to solve number and word problems. ▪ Be able to demonstrate fractions: $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{3}$, $\frac{2}{4}$, $\frac{3}{4}$, and $\frac{1}{4}$. ▪ Compare numbers. ▪ Count to 100 by 1's, 2's, 5's, and 10's. ▪ Recognize even and odd numbers. ▪ Experiment with estimations. ▪ Become familiar with multiplication facts of two and five. ▪ Use a variety of strategies, such as known facts, tens or landmark numbers to solve problems.
Algebraic Relationships	
	<p>The students will be able to:</p> <ul style="list-style-type: none"> ▪ Describe and extend simple numeric patterns and change from one representation to another. ▪ Describe how simple growing patterns are generated. ▪ Classify objects by size, number or other attributes. ▪ Investigate the commutative property with whole numbers. ▪ Model situations that involve addition and subtraction of whole numbers, using pictures, objects, or symbols. ▪ Describe qualitative change, such as students growing taller.
Geometric and Spatial Relationships	

Second Grade

	<p>The students will be able to:</p> <ul style="list-style-type: none">▪ Describe attributes and parts of two- and three-dimensional shapes, circles, triangles, trapezoid, rectangle, rhombus, sphere, rectangular prism, cylinder, and pyramid).▪ Find and name locations with simple relationships on a coordinate system.▪ Use manipulative to model flips.▪ Recognize and create shapes that have symmetry.▪ Recognize and represent shapes from different perspectives.
Measurement	
	<p>The students will be able to:</p> <ul style="list-style-type: none">▪ Select an appropriate tool and unit for the attribute being measured.▪ Identify and use standard measurement.▪ Identify coins and values of penny, nickel, dime, quarter, half-dollar, and dollar.▪ Count mixed coins to \$1.00 and beyond.▪ Make change.▪ Solve money word problems.▪ Tell time to the hour, half-hour, and the quarter-hour.▪ Introduce concept of elapsed time.
Data and Probability	
	<p>The students will be able to:</p> <ul style="list-style-type: none">▪ Pose questions and gather data about themselves and their surroundings.▪ Sort and classify items according to their attributes and organize data about the items.▪ Represent data using pictures and bar graphs.