

Florida Standards - First Grade Math	Stickybear's Early Learning	Stickybear Math Word Problems	Stickybear's Math Splash	Stickybear's Main Town	Math Mentor Series Addition & Subtraction	Math Mentor Series Multiplication & Division	Math Mentor Series Fractions & Decimals	Math Test Generator
NUMBER SENSE, CONCEPTS, AND OPERATIONS								
The student understands the different ways numbers are represented & used in the real world	✓	✓	✓	✓				
<i>associates verbal names, written word names, & standard numerals with the whole number less than 1000</i>	✓		✓	✓				
<i>understands the relative size of whole numbers between 0 - 1000</i>	✓		✓	✓				
<i>uses objects to represent whole numbers or commonly used fractions & relates these numbers to real-world situations</i>	✓	✓	✓	✓				
<i>understands that whole numbers can be represented in a variety of equivalent forms</i>	✓		✓	✓				
The student understands number systems	✓	✓	✓	✓				
<i>understands & applies the concepts of counting, grouping, & place value with whole numbers between 0 & 100</i>	✓		✓	✓				
<i>uses number patterns & the relationships among counting, grouping, & place value strategies to demonstrate an understanding of the whole number system</i>	✓	✓	✓	✓				
The student understands the effects of operations on numbers & the relationships among these operations, selects appropriate operations, & computes for problem solving		✓	✓	✓	✓			✓
<i>understand & explains the effects of addition & subtraction on whole numbers, including the inverse relationship of the two operations</i>		✓	✓	✓	✓			✓
<i>selects the appropriate operation to solve specific problems involving addition & subtraction of whole numbers</i>		✓	✓	✓	✓			✓

<i>adds & subtracts whole numbers to solve real-world problems using appropriate methods of computing, such as objects, mental mathematics, paper & pencil, calculator</i>		✓	✓	✓	✓			✓
The student uses estimation in problem solving and computation				✓				
<i>provides & justifies estimates for real-world quantities</i>				✓				
The student understands and applies theories related to numbers				✓				
<i>classifies & models numbers as even or odd</i>				✓				
MEASUREMENT								
The student measures quantities in the real world & uses the measures to solve problems			✓	✓				
<i>uses & describes basic measurement concepts including length, weight, digital & analog, time, temperature, & capacity</i>			✓	✓				
<i>uses standard customary & metric (centimeter, inch) & nonstandard units, such as links or blocks, in measuring real quantities</i>			✓					
The student compares, contrast, & converts within systems of measurement (both standard/nonstandard & metric/customary)								
<i>uses direct and indirect comparisons to order objects according to some measurable characteristics</i>								
<i>understands the need for a uniform unit of measure to communicate in real-world situations</i>								
The student estimates measurements in real-world problem situations			✓	✓				
<i>using a variety of strategies, estimates lengths, widths, time intervals, & money & compares them to actual measurements</i>			✓	✓				
The student selects & uses appropriate units & instruments for measurement to achieve the degree of precision & accuracy required in real-world situations			✓					
<i>selects & uses an object to serve as a unit of measure, such as a paper clip, eraser, marble</i>			✓					
<i>selects & uses appropriate instruments, such as scales, rulers, clocks, & technology to measure within customary or metric systems</i>			✓					

GEOMETRY AND SPATIAL SENSE								
The student describes, draws, identifies, & analyzes two- and three-dimensional shapes	✓							
<i>understands & describes the characteristics of basic two- & three-dimensional shapes</i>	✓							
The student visualizes & illustrates ways in which shapes can be combined, subdivided and changed	✓							
<i>understands basic concepts of spatial relationships, symmetry, and reflections</i>	✓							
<i>uses objects to perform geometric transformations, including flips, slides & turn</i>								
The student uses coordinate geometry to locate objects in both two & three dimensions & to describe objects algebraically	✓							
<i>uses real-life experiences & physical materials to describe, classify, compare, & sort geometric figures, including squares, rectangles, triangles, circles, cube, rectangular solids, spheres, pyramids, cylinders, & prisms, according to the number of faces, edges, bases & corner</i>	✓							
<i>plots & identifies positive whole numbers on a number line</i>								
ALGEBRAIC THINKING								
The student describes, analyzes, & generalizes a wide variety of patterns, relations, & functions		✓		✓	✓			
<i>describes a wide variety of classification schemes & patterns related to physical characteristics & sensory attributes, such as rhythm, sound, shapes, colors, numbers, similar objects, similar events</i>		✓						
<i>recognizes, extends, generalizes, & creates a wide variety of patterns & relationships using symbols & objects</i>				✓	✓			
The student uses expressions, equations, inequalities, graphs, and formulas to represent & interpret situation								
<i>understands that geometric symbols can be used to represent unknown quantities in expression, equations, & inequalities</i>								

<i>uses informal methods to solve real world problems requiring simple equations that contain one variable</i>								
DATA ANALYSIS AND PROBABILITY								
The student understands & uses the tools of data analysis for managing information			✓					
<i>displays solutions to problems by generating, collecting, organizing, & analyzing data using simple graphs & charts</i>			✓					
<i>displays data in a simple model to use the concepts of range, median, & mode</i>								
<i>analyzes real-world data by surveying a sample space & predicting the generalization onto a larger population through the use of appropriate technology, including calculators & computers</i>								
The student identifies patterns & makes predictions from an orderly display of data using concepts of probability & statistics								
<i>understands basic concepts of chance & probability</i>								
<i>predicts which simple event is more likely, equally likely, or less likely to occur</i>								
The student uses statistical methods to make inferences & valid arguments about real-world situations			✓					
<i>designs a simple experiment to answer a class question, collects appropriate information, & interprets the results using graphical displays of information, such as line graphs, pictographs, and charts</i>			✓					
<i>decides what information is appropriate & how data can be collected, displayed & interpreted to answer relevant questions</i>								