3rd Grade Level Expectation Topic	Benchmark What the report card says	Focus Area within Benchmark Common Core State Standards
Operations and Algebraic Thinking	Uses at least two different strategies to solve multiplication problems up to 10 x 10	Represents and solves problems involving multiplication and division involving equal groups and arrays, e.g., by using drawings and equations
	Solves basic multiplication facts up to 10 x 10 with speed and accuracy	Multiplies & divides within 100 By the end of Grade 3, knows from memory all products of two one-digit numbers
	Understands and solves word problems with the four operations	Identifies and explains patterns in arithmetic – uses a symbol for the unknown number to represent the problem
Numbers and Operations in Base Ten	Uses at least two different strategies to add multi-digit numbers Uses at least two different strategies to subtract multi-digit numbers Use place value understanding to round whole numbers to the nearest 10 & 100	Uses place value understanding and properties of operations to perform multi-digit arithmetic, i.e. round numbers to nearest 10 or 100; fluently adds and subtracts within 1000; multiply 1-digit numbers by multiples of 0-10
		Assesses the reasonableness of answers using mental computation and estimation strategies including rounding
Number and Operations - Fractions	Divides a number line (0-1) into equal parts, including halves, thirds, fourths, and eighths. Represents fractions on a number line with denominators of 2,3,4,6,8. Understands two fractions as equivalent if they are the same size or point on a number line. (e.g. 1/2=2/4) Compares simple fractions with symbols (<,>,=)	Understands a fraction as a number on the number line; represent fractions on a number line diagram
		Understands two fractions as equivalent (equal) if they are the same size, or the same point on a number line Compares two fractions with the same numerator or the same denominator by reasoning about their size.

	Expresses whole numbers as fractions	Expresses whole numbers as fractions, and recognize fractions that are equivalent to whole numbers
Measurement and Data	Measures masses of objects using the standard unit of grams (g) Reads and writes time to the nearest minute Solves elapsed time problems	Solves problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects
	***Measuring length to the nearest quarter inch	***Represents Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Shows the data by making a line plot, where the horizontal scale is marked off in appropriate units—whole numbers, halves, or quarters
	interprets graphs to solve problems (ex. picture and bar graphs)	Solves one- and two-step "how many more" and "how many less" problems using information presented in scaled bar graphs
	constructs graphs including axes and scales	Draws a scaled picture graph and a scaled bar graph to represent a data set with several categories
	Understands and calculates area	Geometric measurement: understands concepts of area and relates area to multiplication and to addition
	Understands and calculates perimeter	Geometric measurement: recognizes perimeter as an attribute of plane figures and distinguishes between linear and area measures

Geometry	Describes and analyzes 2-d shapes by their sides and angles	Reasons with shapes and their attributes
	Identifies and creates examples of quadrilaterals	