

Mathematics-First Grade			
<i>Essential Skill Component</i>	<i>Standard</i>	<i>Mathematical Practices</i>	<i>Quarter 2 Focus</i>
<b>Mathematical Reasoning</b>			
Applies strategies to solve problems	1.OA.1	1.MP.1 1.MP.3 1.MP.4	Students will begin solving word problems utilizing addition/subtraction properties to 20. Students will represent their thinking using models, illustrations, charts, equations, etc to show their reasoning and understanding.  Students will need to recognize situations of adding to, taking from, putting together, and taking apart. Focus will need to be on student understanding of what the word problem is asking and does "my answer make sense".
<b>Operations and Algebraic Thinking</b>			
Understands relationship between addition and subtraction	1.OA.1	1.MP.1 1.MP.6 1.MP.7	Continue work with addition and subtraction strategies moving towards addition/subtraction within 20, this includes using addition of 3 whole numbers.
Adds fluently	1.OA6 1.OA3	1.MP.3 1.MP.7	<b>It is the goal for students to be fluent with addition and subtraction to 10 by the end of this quarter. (i.e. not using "tools" to assist in the operations)</b>
Subtracts fluently	1.OA6 1.OA3	1.MP.3 1.MP.7	
Solves word problems using addition and subtraction	1.OA1		<b>Begin focus on "Making 10"</b> (recognizing 2 numbers that can make 10) and expanding to using the " <b>Assosicative Property</b> " of addition to make a 10  Students will begin solving word problems utilizing addition and subtraction properties to 20. Students will represent their thinking using models, illustrations, charts, equations, etc. to show their reasoning and understanding.
<b>Number Sense and Operations in Base Ten</b>			
Extends counting	1.OA.5		Focus will begin on comparing numbers utilizing the symbols: <, >, =. Begin comparing a single digit number to a single digit number using the symbols. Move towards comparing two-digit numbers. Students will explain their reasoning for their comparison. (i.e. being able to answer: How did you know 67 is greater than 42?)  Through knowledge of place value, students will be able to add and subtract two-digit numbers. Students will utilize base ten blocks to build the concept of adding/subtracting "ones" and "tens" and then extending this knowledge to represent numerically.
Understands place value	1.NBT.2 1.NBT.3	1.NBT.2a 1.NBT.2b 1.NBT.2c 1.MP.2 1.MP.8	
Uses place value understanding to add and subtract	1.NBT.4	1.MP. 4	
<b>Measurement and Data</b>			
Tells and writes time to the hour and half hour	1.MD.3	1.MP.5	Students will use analog clocks to move the hands to display given times, draw the "hands" of a clock to tell a time, as well as read a displayed analog clock to tell the time. Additionally, students will use a digital clock "frame" to write a given time.
Collects, organizes, and analyzes data	1.MD.4	1.MP.2	Students will begin collecting, organizing and analyzing data with up to 3 categories. Students will ask and answer questions about the data collected in regards to total number of data points and how many in each category. Students will be able to explain their answers using quantitative reasoning for specific quantities on the graph.
<b>Geometry</b>			
n/a			