

K_Math_Quarter 1

Mathematics			
<i>Essential Skill Component</i>	<i>Standard</i>	<i>Mathematical Practices</i>	<i>Quarterly Focus</i>
Mathematical Reasoning			
Applies strategies to show mathematical thinking	K.MP.4 K.MP.7	1-Make sense of problems and persevere in solving them 2-Reason abstractly and quantitatively 3-Construct viable arguments and critique the reasoning of others 4-Model with mathematics 5-Use appropriate tools strategically 6-Attend to precision 7-Look for and make use of structure 8-Look for and express regularity in repeated reasoning	1. Works hard to solve a problem and asks does this make sense? 2. Knows numbers represents quantity 3. Explains to answer the how? and why? 4. Uses manipulatives, drawings, and/or acting out to represent problems in everyday life. 5. Uses manipulatives as tools to solve problems. 6. Develops mathematical communication skills using age-appropriate vocabulary. 7. Breaks complicated things into simple. 8. Notices repetition in patterns, counting, and computations.
Counting and Cardinality			
Counts aloud by 1's and 10's	K.CC.1 K.CC.2	K.MP.4 K.MP.7 K.MP.8	*Practices the counting sequence aloud Focus on 0-25. *Begins counting from a given number in the 1-10 range.
Sequences numbers	K.CC.2	K.MP.5 K.MP.6 K.MP.7 K.MP.8	*Begins to understand concept of sequencing number Focus on 0-5
Writes numbers in order	K.CC.3	K.MP.5	*Begins to form numbers. Focus on 0-5.
Recognizes and names numbers	K.CC.3	K.MP.2 K.MP.3 K.MP.4 K.MP.5 K.MP.6 K.MP.7 K.MP.8	*Begins to identify and name numerals 0-10.

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Counts to tell the number of objects	K.CC.3 K.CC.4a K.CC. 4b K.CC.4c K.CC.5	K.MP.5 K.MP.6	*Begins to count objects accurately in a line or scattered using one to one correspondence. (how many?) *Begins to understand the last number name said tells the number of objects. *Begins to understand a number represents an amount of objects by matching a numeral to a set. *Recognizes quantities/sets 0-5 without counting. (Sees 5 on a dice and know it's 5) Focus on 0-5.
Compares sets of objects to tell more, less or equal	K.CC.6 K.CC.7	K.MP.5	*Begins to understand the concepts of more, less, and same.
Operations and Algebraic Thinking			
n/a			
Number Sense and Operations in Base Ten			
n/a			
Measurement and Data			
Classifies objects and counts the number in each category	K.MD.3	K.MP.1 K.MP.5 K.MP.6	*Sorts objects by shape or color.
Geometry			
Identifies, compares and describes 2D shapes (circle, rectangle, triangle, square, hexagon)	K.G.1	K.MP.3 K.MP.5	*Explores and identifies basic shapes. Vocab: shape, circle, hexagon, rectangle, square, triangle,