MATHEMATICS – GRADE 5 STANDARDS BY QUARTER

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
PROBLEM SOLVING	• Look for and make use of structure • Attend to precision • Use appropriate tools strategically • Make sense of problems and persevere in solving them • Model with mathematics			
MATHEMATICAL COMMUNICATION	• viable arguments and critique the reasoning of others • Reason abstractly and quantitatively • Look for and express regularity in repeated reasoning			
NUMBERS AND OPERATIONS	CC.2.1.5.B.1Apply place value concepts to show an understanding of operations and rounding as they pertain to whole numbers and decimals. CC.2.1.5.B.2 Extend an understanding of operations with whole numbers to perform operations including decimals. CC.2.1.5.C.2Apply and extend previous understandings of multiplication and division to multiply and divide fractions.	CC.2.1.5.B.1Apply place value concepts to show an understanding of operations and rounding as they pertain to whole numbers and decimals. CC.2.1.5.B.2Extend an understanding of operations with whole numbers to perform operations including decimals. CC.2.1.5.C.1Use the understanding of equivalency to add and subtract fractions.	CC.2.1.5.C.2Apply and extend previous understandings of multiplication and division to multiply and divide fractions. →	
OPERATIONS & ALGEBRAIC THINKING	CC.2.2.5.A.1Interpret and evaluate numerical expressions using order of operations. →		CC.2.2.5.A.4Analyze patterns and relationships using two rules. →	
GEOMETRY	N/A	N/A	CC.2.3.5.A.1Graph points in the first quadrant on the coordinate plane and interpret these points when solving real world and mathematical problems.	CC.2.3.5.A.2Classify two-dimensional figures into categories based on an understanding of their properties.
MEASUREMENT & DATA	N/A	N/A	CC.2.4.5.A.1Solve problems using conversions within a given measurement system. CC.2.4.5.A.4Solve problems involving computation of fractions using information provided in a line plot.	CC.2.4.5.A.6 Apply concepts of volume to solve problems and relate volume to multiplication and to addition.