

MATHEMATICS – GRADE 3 STANDARDS BY QUARTER

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
PROBLEM SOLVING	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Construct viable arguments and critique the reasoning of others • Reason abstractly and quantitatively • Look for and express regularity in repeated reasoning 			
NUMBERS AND OPERATIONS	CC.2.2.3.A.4 Solve problems involving the four operations and identity and explain patterns in arithmetic. CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi-digit arithmetic.	CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.	→	→
OPERATIONS & ALGEBRAIC THINKING	CC.2.2.3.A.1 Represent and solve problems involving multiplication and division. CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.	CC.2.2.3.A.1 Represent and solve problems involving multiplication and division . CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division . CC.2.2.3.A.3 Demonstrate multiplication and division fluency.	→	→
GEOMETRY	N/A	N/A	CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes. CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.	→
MEASUREMENT & DATA	CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, bar graphs.	→	CC.2.3.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals. CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length. CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures. CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition.	→

Skills are on-going; the standards are listed in the quarter they are introduced.