

MATHEMATICS – GRADE 4 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	<p>CC.2.1.4.B.1 Apply place value concepts to show an understanding of multi-digit whole numbers.</p> <p>CC.2.1.4.B.2 Use place value understanding and properties of operations to perform multi-digit arithmetic.</p>	<p>CC.2.1.4.C.1 Extend the understanding of fractions to show equivalence and ordering.</p> <p>CC.2.1.4.C.2 Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.</p>	<p>CC.2.1.4.C.1 Extend the understanding of fractions to show equivalence and ordering.</p> <p>CC.2.1.4.C.2 Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.</p> <p>CC.2.1.4.C.3 Connect decimal notation to fractions, and compare decimal fractions (base 10 denominator, e.g., 19/100).</p>	<p>CC.2.1.4.B.2 Use place value understanding and properties of operations to perform multi-digit arithmetic.</p>
OPERATIONS & ALGEBRAIC THINKING	<p>CC.2.2.4.A.1 Represent and solve problems involving the four operations.</p>	<p>CC.2.2.4.A.2 Develop and/or apply number theory concepts to find factors and multiples.</p> <p>CC.2.2.4.A.4 Generate and analyze patterns using one rule.</p>	→	<p>CC.2.2.4.A.1 Represent and solve problems involving the four operations.</p>
GEOMETRY	N/A	N/A	<p>CC.2.3.4.A.1 Draw lines and angles and identify these in two-dimensional figures.</p> <p>CC.2.3.4.A.2 Classify two-dimensional figures by properties of their lines and angles.</p> <p>CC.2.3.4.A.3 Recognize symmetric shapes and draw lines of symmetry.</p>	→
MEASUREMENT & DATA	N/A	N/A	<p>CC.2.1.4.C.2 Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.</p>	<p>CC.2.4.4.A.6 Measure angles and use properties of adjacent angles to solve problems.</p> <p>CC.2.1.4.C.2 Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.</p>

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