

5th Grade Mathematics Scope and Sequence 2019-2020

First Quarter				Second Quarter		
Unit	Creating Classroom Community Through Data & Graphing	Using Models to Explore Properties of Multiplication & Division	Using Models to Multiply & Divide Fractions	Using Models to Multiply & Divide Fractions Continued	Understanding Place Value & Decimals in the Context of Metric Measurement	Using Models to Add & Subtract Decimals & Fractions
Instructional Days	2-12 (12)	13-42 (29)	43-45 (3)	46-64 (19)	65-81 (17)	81-90 (9)
Standards Assessed	NC.5.OA.3 NC.5.MD.2 NC.5.G.1	NC.5.OA.2 NC.5.NBT.6 NC.5.NBT.5 NC.5.MD.4 NC.5.MD.5	NC.5.NF.4	NC.5.OA.2 NC.5.NF.3 NC.5.NF.4 NC.5.NF.7	NC.5.NBT.1 NC.5.NBT.3 NC.5.MD.2	NC.5.OA.2 NC.5.NBT.7
Big Ideas on the Elementary Card	<ul style="list-style-type: none"> Generate shape and numerical patterns connected to x, y coordinate points. Generate, represent and interpret data. Understand concepts of volume and relate volume to multiplication and to addition. Use models and strategies to solve real-world and word problems involving multiplication and division. 			<ul style="list-style-type: none"> Apply and extend previous understandings of multiplication and division to multiply and divide fractions. Explore the place value system from one million to thousandths. Use length and area models to add and subtract decimals Use equivalent fractions as a strategy to add and subtract fractions. 		
Assessment Days	5 days Including Quarterly Benchmark Assessment			4 days		
Third Quarter				Fourth Quarter		
Unit	Using Models to Add & Subtract Decimals & Fractions Continued	Using Models to Multiply & Divide Whole Numbers, Decimals, and Fractions	Using Models to Multiply & Divide Whole Numbers, Decimals, and Fractions	Classifying Quadrilaterals		
Instructional Days	90-111 (21)	112-135 (15)	136-150 (14)	151-161 (11)		
Standards Assessed	NC.5.OA.2 NC.5.NBT.7 NC.5.NF.1	NC.5.OA.2 NC.5.NF.4 NC.5.NBT.5 NC.5.NF.7 NC.5.NBT.6 NC.5.NBT.7	NC.5.NBT.5 NC.5.NF.4 NC.5.NBT.6 NC.5.NF.7 NC.5.NBT.7 NC.5.MD.1	NC.5.G.1 NC.5.G.3		
Big Ideas on the Elementary Card	<ul style="list-style-type: none"> Multiply two whole numbers using the standard algorithm and other strategies. Apply and extend previous understandings of multiplication and division to multiply and divide fractions. Multiply and divide decimals using models and strategies based on place value. 		<ul style="list-style-type: none"> Use a conversion chart to solve one-step problems. Multiply a fraction by a fraction using length and area models. Classify two-dimensional figures into categories based on their properties. 			
Assessment Days	6 days Including 2 nd Quarter Benchmark Assessment		4 days Including 3 rd Quarter Benchmark Assessment Not including EOGs			