

Fifth Grade Mathematics Teaching & Learning Framework 2021-22

Quarter 1			Quarter 2		Quarter 3		Quarter 4	
Unit 1 4 weeks	Unit 2 3 weeks	Unit 3 4 weeks	Unit 4 10 weeks		Unit 5 2 weeks	Unit 6 4 weeks	Unit 7 2 weeks	Unit 8 7 weeks
Order of Operations and Whole Numbers	Decimals	Multiplying and Dividing with Decimals	Adding, Subtracting, Multiplying and Dividing Fractions		2D Figures	Volume and Measurement	Geometry and the Coordinate Plane	Review, Mastery and Extend
<p>Topic 1: Order of operations and whole numbers MGSE5.OA.1 (Use parenthesis and evaluate expressions) MGSE5.OA.2 (Write simple expressions)</p> <p>Topic 2: Place value MGSE5.NBT.1 (Place value) MGSE5.NBT.2 (Powers of 10)</p> <p>Topic 3: Multiplication & division MGSE5.NBT.5 <i>(Fluently multiply standard algorithm)</i> MGSE5.NBT.6 <i>(Fluently divide whole number quotients)</i></p>	<p>Topic 1: Reading, writing, and comparing decimals MGSE5.NBT.1 (Place value) MGSE5.NBT.3 (Read, write and compare decimals to thousandths) MGSE5.NBT.4 (Round decimals)</p> <p>Topic 2: Adding and subtracting decimals MGSE5.NBT.7 (Add, subtract decimals)</p>	<p>Topic 1: Decimal operations MGSE5.NBT.7 (All operations with decimals) MGSE5.NBT.2 (Powers of 10 w/decimals) MGSE5.OA.1 (Use parenthesis and evaluate expressions w/decimals)</p>	<p>Topic 1: Adding and subtracting fractions MGSE5.NF.2 (Word problems, add and subtract fractions) MGSE5.NF.1 (Add and subtract fractions)</p> <p>Topic 2: Multiplying and dividing fractions MGSE5.NF.6 (Real world problems of fractions and mixed numbers) MGSE5.NF.4 (Multiply fractions) MGSE5.NF.5 (Multiplication as scaling) MGSE5.NF.7 (Division of Unit fraction-visual models) MGSE5.NF.3 (Interpret fraction as division)</p> <p>Topic 3: Represent and interpret data MGSE5.MD.2 (Line plot) MGSE5.OA.1 (Use parenthesis and evaluate expressions w/fractions)</p>		<p>Topic 1: 2D Figures MGSE5.G.4 (Classify two-dimensional figures) MGSE5.G.3 (Understanding attributes)</p>	<p>Topic 1: Volume MGSE5.MD.5 (Volume) MGSE5.MD.3 (Volume as an attribute) MGSE5.MD.4 (Volume by counting cubes)</p> <p>Topic 2: Line plots MGSE5.MD.2 (Line plot w/redistribution)</p> <p>Topic 3: Measurement conversions MGSE5.MD.1 (Converting measurement)</p>	<p>Topic 1: Geometry and the Coordinate Plane MGSE5.G.2 (Real world math problems with coordinate plane) MGSE5.G.1 (Define a coordinate system) MGSE5.OA.3 (Generate patterns)</p>	<p>Review all standards based on student needs.</p> <p>Mastery: MGSE5.NF.2 (Word problems, add and subtract fractions) MGSE5.NF.6 (Real world fractions) MGSE5.NBT.5 <i>(Fluently multiply)</i> MGSE5.NBT.6 <i>(Fluently divide)</i></p> <p>Extend: MGSE.6.NS.1 (Divide fractions-algorithm) MGSE.6.NS.3 (All operations with decimals)</p>

These units were written to build upon concepts from prior units, so later units contain tasks that depend upon the concepts addressed in earlier units.
 All units will include the Mathematical Practices and indicate skills to maintain.

NOTE: Mathematical standards are interwoven and should be addressed throughout the year in as many different units and tasks as possible in order to stress the natural connections that exist among mathematical topics.

Grades 3-5 Key: MGSE = Mathematics Georgia Standards of Excellence, G= Geometry, MD=Measurement and Data, NBT= Number and Operations in Base Ten, NF = Number and Operations, Fractions, OA = Operations and Algebraic Thinking