

## Cobb County School District

### Fourth Grade Mathematics Teaching & Learning Framework

Quarter 1	Quarter 2	Quarter 3			Quarter 4		
Unit 1 9 weeks	Unit 2 9 weeks	Unit 3 3 weeks	Unit 4 3 weeks	Unit 5 3 weeks	Unit 6 2 weeks	Unit 7 2 weeks	Unit 8 5 weeks
<b>Whole Numbers, Place Value and Rounding In Computation</b>	<b>Multiplication and Division of Whole Numbers</b>	<b>Fraction Equivalents</b>	<b>Operations with Fractions</b>	<b>Fractions and Decimals</b>	<b>Geometry</b>	<b>Measurement</b>	<b>Review, Mastery and Extend</b>
<p><b>MGSE4.NBT.1</b> (Power of ten)</p> <p><b>MGSE4.NBT.2</b> (Read, write and compare)</p> <p><b>MGSE4.NBT.3</b> (Rounding)</p> <p><b>MGSE4.NBT.4</b> (Add and subtract/algorithm)</p> <p><b>MGSE4.OA.3</b> (Addition and subtraction multistep word problems)</p> <p><b>MGSE4.MD.2</b> (Word problems- time, distance, volume, etc.)</p> <p><b>MGSE4.MD.3</b> (Perimeter w/rectangles)</p>	<p><b>MGSE4.OA.1</b> (Interpret multiplication equations)</p> <p><b>MGSE4.OA.2</b> (Multiplicative comparison word problems)</p> <p><b>MGSE4.OA.3</b> (Multiplication and division multistep word problems)</p> <p><b>MGSE4.OA.4</b> (Factor pairs)</p> <p><b>MGSE4.OA.5</b> (Number shape patterns)</p> <p><b>MGSE4.NBT.5</b> (Multiply whole numbers: area model 2 digit by 2 digit)</p> <p><b>MGSE4.NBT.6</b> (Whole number quotients and remainders)</p> <p><b>MGSE4.MD.3</b> (Area w/rectangles)</p> <p><b>MGSE4.MD.8</b> (Rectilinear figures)</p>	<p><b>MGSE4.NF.1</b> (Fraction <math>a/b = (n \times a) / (n \times b)</math>)</p> <p><b>MGSE4.NF.2</b> (Compare fractions)</p> <p><b>MGSE4.OA.3</b> (Multistep word problems with all operations)</p>	<p><b>MGSE4.NF.3</b> (decompose, mixed numbers, word problems)</p> <p><b>MGSE4.NF.4</b> (Multiply a fraction by a whole number)</p> <p><b>MGSE4.MD.4</b> (line plots)</p> <p><b>MGSE4.OA.3</b> (Multistep word problems with all operations)</p>	<p><b>MGSE4.NF.5</b> (Denominators 10 and 100)</p> <p><b>MGSE4.NF.6</b> (Decimal notation)</p> <p><b>MGSE4.NF.7</b> (Comparing decimals)</p> <p><b>MGSE4.OA.3</b> (Multistep word problems with all operations)</p> <p><b>MGSE4.MD.2</b> (Word problems- time, distance, volume, etc.)</p>	<p><b>MGSE4.G.1</b> (Points, lines, angles, etc.)</p> <p><b>MGSE4.G.2</b> (Classify 2-D figures)</p> <p><b>MGSE4.G.3</b> (Symmetry)</p>	<p><b>MGSE4.MD.1</b> (Know relative size of measurement)</p> <p><b>MGSE4.MD.5</b> (Angles)</p> <p><b>MGSE4.MD.6</b> (Angles- protractor)</p> <p><b>MGSE4.MD.7</b> (Angle measure as additive)</p>	<p><b>Review all standards based on student needs.</b></p> <p><b>Mastery</b></p> <p><b>MGSE4.NBT.5</b> (Multiply whole numbers)</p> <p><b>MGSE4.NBT.6</b> (Whole number quotients and remainders)</p> <p><b>Extend</b></p> <p><b>MGSE5.NBT.1</b> (Place value)</p> <p><b>MGSE5.NBT.2</b> (Power of 10)</p> <p><b>MGSE5.NBT.5</b> (Fluently multiply)</p> <p><b>MGSE5.NBT.6</b> (Whole number quotients)</p>
<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.</p> <p>All units will include the Mathematical Practices and indicate skills to maintain.</p>							

**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, OA = Operations and Algebraic Thinking.