### Fifth Grade Mathematics Teaching & Learning Framework

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>Quarter 2</th>
<th>Quarter 3</th>
<th>Quarter 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 1</strong></td>
<td><strong>Unit 2</strong></td>
<td><strong>Unit 3</strong></td>
<td><strong>Unit 4</strong></td>
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<tr>
<td>3 weeks</td>
<td>2 weeks</td>
<td>4 weeks</td>
<td>9 weeks</td>
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</tbody>
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**Order of Operations and Whole Numbers**
- MGSE.5.OA.1 (Use parenthesis and evaluate expressions)
- MGSE.5.OA.2 (Write simple expressions)
- MGSE.5.NBT.1 (Place value)
- MGSE.5.NBT.2 (Power of 10)
- MGSE.5.NBT.5 (Fluently multiply)
- MGSE.5.NBT.6 (Whole number quotients)

**Decimals**
- MGSE.5.NBT.1 (Place value)
- MGSE.5.NBT.3 (Read, write and compare decimals to thousandths)
- MGSE.5.NBT.4 (Round decimals)
- MGSE.5.NBT.7 (Add, subtract decimals)

**Multiplying and Dividing with Decimals**
- MGSE.5.NBT.1 (Place value)
- MGSE.5.NBT.2 (Power of ten)
- MGSE.5.NBT.3 (Read, write and compare decimals to thousandths)
- MGSE.5.NBT.4 (Round decimals)
- MGSE.5.NBT.7 (Add, subtract decimals)

**Adding, Subtracting, Multiplying and Dividing Fractions**
- MGSE.5.NF.1 (Understanding attributes)
- MGSE.5.NF.2 (Add and subtract fractions)
- MGSE.5.NF.3 (Word problems, add and subtract fractions)
- MGSE.5.NF.4 (Interpret fraction as division)
- MGSE.5.NF.5 (Multiply fractions)
- MGSE.5.NF.6 (Multiplication as scaling)
- MGSE.5.NF.7 (Real world problems of fractions and mixed numbers)
- MGSE.5.NF.8 (Division of Unit fraction)
- MGSE.5.NF.9 (Line plot)

**2D Figures**
- MGSE.5.G.1 (Define a coordinate system)
- MGSE.5.G.2 (Real world math problems with coordinate plane)
- MGSE.5.G.3 (Understanding attributes)
- MGSE.5.G.4 (Classify two-dimensional figures)
- MGSE.5.G.5 (Line plot)

**Volume and Measurement**
- MGSE.5.MD.1 (Converting measurement)
- MGSE.5.MD.2 (Volume as an attribute)
- MGSE.5.MD.3 (Volume as an attribute)
- MGSE.5.MD.4 (Volume by counting cubes)
- MGSE.5.MD.5 (Volume)
- MGSE.5.MD.6 (Volume)
- MGSE.5.MD.7 (All operations with decimals)

**Geometry and the Coordinate Plane**
- Review, Mastery and Extend

**Review all standards based on student needs.**

**Mastery:**
- MGSE.5.NF.6 (Real world fractions)
- MGSE.5.NBT.5 (Fluently multiply)
- MGSE.5.NBT.6 (Volume)

**Extend:**
- MGSE.6.NS.1 (Divide fractions)
- MGSE.6.NS.3 (All operations with decimals)

**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 K-2 Key:** MGSE = Mathematics Georgia Standards of Excellence  CC = Counting and Cardinality, G= Geometry, MD= Measurement and Data, NBT= Number and Operations in Base Ten, OA = Operations and Algebraic Thinking.