### Fifth Grade Mathematics Teaching & Learning Framework 2020-21

<table>
<thead>
<tr>
<th>Unit 1</th>
<th>Unit 2</th>
<th>Unit 3</th>
<th>Unit 4</th>
<th>Unit 5</th>
<th>Unit 6</th>
<th>Unit 7</th>
<th>Unit 8</th>
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</thead>
<tbody>
<tr>
<td>4 weeks</td>
<td>3 weeks</td>
<td>4 weeks</td>
<td>10 weeks</td>
<td>2 weeks</td>
<td>4 weeks</td>
<td>2 weeks</td>
<td>7 weeks</td>
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</tbody>
</table>

#### Order of Operations and Whole Numbers
- MGSE.OA.1 (Use parenthesis and evaluate expressions)
- MGSE.OA.2 (Write simple expressions)
- MGSE.NBT.1 (Place value)
- MGSE.NBT.2 (Powers of 10)
- MGSE.NBT.5 (Fluently multiply standard algorithm)
- MGSE.NBT.6 (Fluently divide whole number quotients)

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

#### Multiplying and Dividing with Decimals
- MGSE.NF.1 (Add and subtract fractions)
- MGSE.NF.2 (Word problems, add and subtract fractions)
- MGSE.NF.3 (Interpret fraction as division)
- MGSE.NF.4 (Multiply fractions)
- MGSE.NF.5 (Multiplication as scaling)
- MGSE.NF.6 (Real world problems of fractions and mixed numbers)

#### Adding, Subtracting, Multiplying and Dividing Fractions
- MGSE.NF.1 (Add and subtract fractions)
- MGSE.NF.2 (Word problems, add and subtract fractions)
- MGSE.NF.3 (Interpret fraction as division)
- MGSE.NF.4 (Multiply fractions)
- MGSE.NF.5 (Multiplication as scaling)
- MGSE.NF.6 (Real world problems of fractions and mixed numbers)

#### 2D Figures
- MGSE.G.3 (Understanding attributes)
- MGSE.G.4 (Classify two-dimensional figures)
- MGSE.MD.1 (Converting measurement)
- MGSE.MD.2 (Line plot w/redistribution)
- MGSE.MD.3 (Volume as an attribute)
- MGSE.MD.4 (Volume by counting cubes)
- MGSE.MD.5 (Volume)

#### Volume and Measurement
- MGSE.MD.1 (Converting measurement)
- MGSE.MD.2 (Line plot w/redistribution)
- MGSE.MD.3 (Volume as an attribute)
- MGSE.MD.4 (Volume by counting cubes)
- MGSE.MD.5 (Volume)

#### Geometry and the Coordinate Plane
- MGSE.G.1 (Define a coordinate system)
- MGSE.G.2 (Real world math problems with coordinate plane)
- MGSE.OA.3 (Generate patterns)

#### Review, Mastery and Extend
- Review all standards based on student needs.

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

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

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**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.

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3/11/20