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

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>Quarter 2</th>
<th>Quarter 3</th>
<th>Quarter 4</th>
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<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>9 weeks</td>
<td>6 weeks</td>
<td>3 weeks</td>
<td>9 weeks</td>
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</tbody>
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#### Extending Base Ten Understanding

- *MGSE2.NBT.1* (Place value - 100s)
- *MGSE2.NBT.2* (Count within 1,000)
- *MGSE2.NBT.3* (Read and write numbers to 1,000)
- *MGSE2.NBT.4* (Compare numbers to 1,000)
- *MGSE2.OA.1* (One step word problems within 20)
- *MGSE2.OA.2* (Fluently add and subtract within 10)
- *MGSE2.MD.8* (Money: penny, nickel, dime)
- *MGSE2.MD.10* (Graphing)

- *MGSE2.OA.1* (One and two step word problems within 100)
- *MGSE2.OA.2* (Fluently add and subtract within 20)
- *MGSE2.NBT.5* (Fluently add and subtract within 100)

- MGSE2.MD.1 (Appropriate tools)
- MGSE2.MD.2 (Measure objects twice)
- MGSE2.MD.3 (Estimate lengths)
- MGSE2.MD.4 (Measure)
- MGSE2.MD.5 (Word problems involving length)
- MGSE2.MD.6 (Numberline)
- MGSE2.MD.7 (Time 5 minutes)
- MGSE2.MD.9 (Line plot)
- MGSE2.MD.10 (Graphing)

- MGSE2.NBT.6 (Four 2-digit numbers)
- *MGSE2.NBT.7* (Add and subtract within 1,000)
- *MGSE2.NBT.8* (Add and subtract 10 or 100 to 100-900)
- MGSE2.NBT.9 (Explain why strategies work)
- *MGSE2.MD.8* (Money)
- *MGSE2.OA.2* (Fluently add and subtract within 20)
- *MGSE2.OA.1* (One and two step word problems)

- Additional standards assessed on the report card: NBT.1-3

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<tr>
<th>Quarter 5</th>
<th>Quarter 6</th>
<th>Quarter 7</th>
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<tr>
<td>3 weeks</td>
<td>2 weeks</td>
<td>4 weeks</td>
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#### Becoming Fluent with Addition and Subtraction

- MGSE2.MD.1 (Appropriate tools)
- MGSE2.MD.2 (Measure objects twice)
- MGSE2.MD.3 (Estimate lengths)
- MGSE2.MD.4 (Measure)
- MGSE2.MD.5 (Word problems involving length)
- MGSE2.MD.6 (Numberline)
- MGSE2.MD.7 (Time 5 minutes)
- MGSE2.MD.9 (Line plot)
- MGSE2.MD.10 (Graphing)

- MGSE2.NBT.6 (Four 2-digit numbers)
- *MGSE2.NBT.7* (Add and subtract within 1,000)
- *MGSE2.NBT.8* (Add and subtract 10 or 100 to 100-900)
- MGSE2.NBT.9 (Explain why strategies work)
- *MGSE2.MD.8* (Money)
- *MGSE2.OA.2* (Fluently add and subtract within 20)
- *MGSE2.OA.1* (One and two step word problems)

- Additional standards assessed on the report card: NBT.3-4

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<th>Section 8</th>
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<td>4 weeks</td>
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#### Understanding Measurement, Length, and Time

- MGSE2.MD.8 (Money)
- *MGSE2.OA.2* (Fluently add and subtract within 20)
- *MGSE2.OA.1* (One and two step word problems)

- Additional standards assessed on the report card: OA.1-2, MD.8

<table>
<thead>
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<th>Section 9</th>
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<td>4 weeks</td>
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#### Applying Base Ten Understanding

- MGSE2.OA.3 (Odd and even)
- MGSE2.OA.4 (Array 5x5)

- Additional standards assessed on the report card: NBT.3-4

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<tr>
<th>Section 10</th>
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<td>4 weeks</td>
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#### Understanding Plane and Solid Figures

- MGSE2.OA.1 (One and two step word problems)
- MGSE2.OA.2 (Fluently add and subtract within 20)

- Additional standards assessed on the report card: OA.1-2, MD.8

<table>
<thead>
<tr>
<th>Section 11</th>
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#### Developing Multiplication

- MGSE2.OA.1 (Interpret multiplication with arrays)
- MGSE2.OA.2 (Interpret division with arrays)

- Additional standards assessed on the report card: OA.1-2, MD.8

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<tr>
<th>Section 12</th>
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<td>4 weeks</td>
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#### Review, Mastery, and Extend

- Review all standards based on student needs.
- Mastery: MGSE2.NBT.1 (Place value - 100s)
- MGSE2.OA.2 (Fluently add and subtract within 20)
- MGSE2.OA.1 (One step word problems within 20)

- Extend: MGSE3.OA.1 (Interpret multiplication with arrays)
- MGSE3.OA.2 (Interpret division with arrays)

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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 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.

*Assessed on report card during that quarter.