## Kindergarten Mathematics Teaching & Learning Framework 2020-21

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>Quarter 2</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 5</strong></td>
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<tr>
<td>5 weeks</td>
<td>4 weeks</td>
<td>6 weeks</td>
<td>9 weeks</td>
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### Unit 1: Counting with Friends
- MGSE.K.CC.1 (Count to 100 by ones)
- MGSE.K.CC.2 (Counting from a known sequence)
- MGSE.K.CC.3 (Write numbers from 0-10)
- MGSE.K.CC.4 (Relationship between numbers and quantities from 0-5)
- MGSE.K.CC.5 (Counting objects in a line, circle, array up to 10 items)

### Unit 2: Sophisticated Shapes
- MGSE.K.G.1 (Describe objects using names of shapes)
- MGSE.K.G.2 (Name shapes-orientation/size)
- MGSE.K.G.3 (Name 2D and 3D shapes)
- MGSE.K.G.4 (Analyze and compare 2D and 3D shapes)
- MGSE.K.G.5 (Model shapes)
- MGSE.K.G.6 (Compose simple shapes)
- MGSE.K.MD.3 (Classify objects using shapes)

### Unit 3: Comparing Numbers
- MGSE.K.CC.1 (Count to 100 by ones)
- MGSE.K.CC.3 (Write numbers from 0-20)
- MGSE.K.CC.4 (Relationship between numbers and quantities from 0-10)
- MGSE.K.CC.5 (Counting objects in a line, circle, array up to 20 items, up to 10 in scattered)
- MGSE.K.CC.6 (Comparing objects up to 10)
- MGSE.K.CC.7 (Comparing numerals 1-10)

### Unit 4: Measuring and Analyzing Data
- MGSE.K.MD.1 (Describe attributes of objects)
- MGSE.K.MD.2 (Compare objects)
- MGSE.K.MD.3 (Classify objects)

### Unit 5: Investigating Addition and Subtraction (within 5)
- MGSE.K.OA.1 (Represent addition and subtraction within 10)
- MGSE.K.OA.2 (Solve addition and subtraction word problems within 10)
- MGSE.K.OA.3 (Decompose numbers 5 or less)
- MGSE.K.OA.4 (Find any number to make 5)
- MGSE.K.OA.5 (Fluently add and subtract within 5)

### Unit 6: Further Investigation of Addition and Subtraction (within 10)
- MGSE.K.OA.1 (Represent addition and subtraction within 10)
- MGSE.K.OA.2 (Solve addition and subtraction word problems within 10)
- MGSE.K.OA.3 (Decompose numbers to 10)
- MGSE.K.OA.4 (Find any number to make 10)
- MGSE.K.OA.5 (Fluently add and subtract within 5)

### Unit 7: Review, Mastery and Extend
- MGSE.K.OA.1 (Word problems within 20)
- MGSE.K.OA.6 (Add and subtract within 20)
- MGSE.K.NBT.1 (Count to 120)

### Additional Standards
- CC.4-5 (Fluently add and subtract within 5)
- CC.2,4-5,7; OA.1-2,5; G.1,6; MD.1-3

### Additional Standards
- MGSE1.OA.1 (Word problems within 20)
- MGSE1.OA.6 (Add and subtract within 20)
- MGSE1.NBT.1 (Count to 120)

**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 the report card

Revised 3/16/20