

Kindergarten Mathematics Teaching & Learning Framework 2021-22

Quarter 1		Quarter 2		Quarter 3	Quarter 4	
Unit 1 5 weeks	Unit 2 4 weeks	Unit 3 6 weeks	Unit 4 3 weeks	Unit 5 9 weeks	Unit 6 5 weeks	Unit 7 4 weeks
Counting with Friends	Sophisticated Shapes	Comparing Numbers	Measuring and Analyzing Data	Investigating Addition and Subtraction (within 5)	Further Investigation of Addition and Subtraction (within 10)	Review, Mastery and Extend
<p>Topic 1: Counting & cardinality *MGSEK.CC.1 (Count to 100 by <u>ones</u>) MGSEK.CC.3 (Write numbers from <u>0-10</u>) MGSEK.CC.2 (Counting from a known sequence)</p> <p>Topic 2: Count to tell the number of objects *MGSEK.CC.5 (Counting objects in a line, circle, array up to <u>10 items</u>) *MGSEK.CC.4 (Relationship between numbers and quantities from <u>0-5</u>)</p>	<p>Topic 1: Identify and describe shapes *MGSEK.G.2 (Name shapes-orientation/size) MGSEK.G.1 (Describe shapes using names and positions) *MGSEK.G.3 (Name 2D and 3D shapes)</p> <p>Topic 2: Analyze, compare, create, and compose shapes *MGSEK.G.4 (Analyze and compare 2D and 3D shapes) MGSEK.G.5 (Model shapes) MGSEK.G.6 (Compose simple shapes)</p> <p>Topic 3: Classify objects *MGSEK.MD.3 (Classify objects using shapes)</p>	<p>Topic 1: Know number names and the count sequence MGSEK.CC.3 (Write numbers from 0-20) *MGSEK.CC.1 (Count to 100 by <u>ones</u>)</p> <p>Topic 2: Count to tell the number of objects *MGSEK.CC.5 (Counting objects in a line, circle, array up to <u>20 items, up to 10 in scattered</u>) *MGSEK.CC.4 (Relationship between numbers and quantities from <u>0-10</u>)</p> <p>Topic 3: Compare numbers MGSEK.CC.7 (Comparing numerals 1-10) *MGSEK.CC.6 (Comparing objects up to 10)</p>	<p>Topic 1: Measurement and Data *MGSEK.MD.3 (Classify objects) *MGSEK.MD.2 (Compare objects) *MGSEK.MD.1 (Describe attributes of objects)</p>	<p>Topic 1: Counting and comparing numbers *MGSEK.CC.7 (Comparing numerals 1-10) *MGSEK.CC.1 (Count to 100 by <u>ones and tens</u>) *MGSEK.CC.6 (Comparing objects up to 10)</p> <p>Topic 2: Addition and subtraction *MGSEK.OA.5 (<i>Fluently add and subtract within 5</i>) *MGSEK.OA.1 (Represent addition and subtraction within <u>5</u>) MGSEK.OA.3 (Decompose numbers <u>5 or less</u>) MGSEK.OA.4 (Find the number to make <u>5</u>) *MGSEK.OA.2 (Solve addition and subtraction word problems within <u>5</u>)</p> <p><i>Additional standard assessed on the report card: CC.4-5</i></p>	<p>Topic 1: Composing and decomposing numbers MGSEK.NBT.1 (Compose and decompose numbers from 11-19)</p> <p>Topic 2: Addition and subtraction *MGSEK.OA.5 (<i>Fluently add and subtract within 5</i>) *MGSEK.OA.1 (Represent addition and subtraction <u>within 10</u>) MGSEK.OA.3 (Decompose numbers <u>to 10</u>) MGSEK.OA.4 (Find any number to make <u>10</u>) *MGSEK.OA.2 (Solve addition and subtraction word problems <u>within 10</u>)</p> <p><i>Additional standards assessed on the report card: CC.2,4-5,7; OA.1-2,5; G.1,6; MD.1-3</i></p>	<p>Review all standards based on student needs. Mastery: MGSEK.OA.5 (<i>Fluently add & subtract within 5</i>) MGSEK.OA.2 (Solve addition and subtraction word problems <u>within 10</u>) *MGSEK.CC.4 (Relationship between numbers and quantities from <u>0-10</u>)</p> <p>Extend: MGSE1.OA.6 (Add and subtract within 20) MGSE1.NBT.1 (Count to 120)</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.

All units will include the Mathematical Practices and indicate skills to maintain

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