Cobb County School District
5/20/21

Third Grade Mathematics Teaching & Learning Framework 2021-22

Quarter 1		Quarter 2	Quarter 3	Quarter 4		
Unit 1 4 weeks	**Unit 2** 5 weeks	**Unit 3** 9 weeks	**Unit 4** 9 weeks	**Unit 5** 2 weeks	**Unit 6** 2 weeks	**Unit 7** 5 weeks
Numbers and Operations in Base Ten	**The Relationship Between Multiplication and Division**	**Patterns in Addition and Multiplication**	**Representing and Comparing Fractions**	**Geometry**	**Measurement**	**Review, Mastery and Extend**
Topic 1: Addition and subtraction ***MGSE3.NBT.2** ***(Fluently add and subtract within 1000)*** **MGSE3.NBT.1** (Round to the nearest 10 or 100) ***MGSE3.OA.8** (Solve 2 step word problems with addition and subtraction) **MGSE3.OA.9** (Patterns with addition and multiplication)	**Topic 1: Represent and solve problems involving multiplication and division** **MGSE3.OA.3** (Solve word problems with multiplication/division) ***MGSE3.OA.1** (Interpret multiplication) ***MGSE3.OA.2** (Interpret division) **MGSE3.OA.4** (Unknown number in multiplication/division) **Topic 2: Understand properties of multiplication and the relationship between multiplication and division** **MGSE3.OA.7** ***(Fluently multiply and divide within 100)*** **MGSE3.OA.5** (Commutative, associative, distributive properties) **MGSE3.OA.6** (Understand division)	**Topic 1: Multiplication and division** ***MGSE3.OA.3** (Solve word problems with multiplication/division) ***MGSE3.OA.7** ***(Fluently multiply and divide within 100)*** ***MGSE3.OA.5** (Distributive properties) ***MGSE3.NBT.3** (Multiply 1 digit numbers by multiplies of 10) **Topic 2: Problem solving and arithmetic patterns** ***MGSE3.OA.8** (Solve 2 step word problems) **MGSE3.OA.9** (Patterns with addition and multiplication) **Topic 3: Area** ***MGSE3.MD.7** (Relate area to multiplication and addition) **MGSE3.MD.5** (Understand concepts of area) **MGSE3.MD.6** (Measure area by counting units) **Topic 4: Represent and interpret data** **MGSE3.MD.3** (Scaled picture and bar graph)	**Topic 1: Representing and comparing fractions** ***MGSE3.NF.3** (Fractions-equivalence and compare) ***MGSE3.NF.1** (Unit fractions) **MGSE3.NF.2** (Fractions on a number line) ***MGSE3.G.2** (Partition of shapes) **Topic 2: Telling time and line plots** ***MGSE3.MD.4** (Line plot with fractions) **MGSE3.MD.1** (Time to the nearest minute) **Topic 3: Perimeter** **MGSE3.MD.8** (Perimeter of polygons) *Additional standards assessed on the report card: OA.4,8*	**Topic 1: Geometry** ***MGSE3.G.1** (Reason about shapes) **MGSE3.G.2** (Partition of shapes)	**Topic 1: Measure-ment Units** ***MGSE3.MD.1** (Elapsed time) **MGSE3.MD.2** (Liquid volume and mass) *Additional standards assessed on the report card: OA.7-8, NBT.2, NF.2-3*	**Review all standards based on student needs.** **Mastery:** **MGSE3.NBT.2** ***(Fluently add and subtract within 1000)*** **MGSE3.OA.7** ***(Fluently multiply and divide within 100)*** **MGSE3.OA.8** (Solve 2 step word problems) **MGSE3.NF.3** (Fractions-equivalence and compare) **Extend:** **MGSE4.NBT.2** (Read, write and compare) **MGSE4.NBT.4** (Add and subtract/algorithm) **MGSE4.MD.2** (Word problems-only time)

These units were written to build upon concepts from prior units, so later units contain tasks that depend upon the concepts and standards addressed in earlier units.
All units 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 3-5 Key: MGSE= Mathematics Georgia Standards of Excellence G= Geometry, MD=Measurement and Data, NBT= Number and Operations in Base Ten, NF = Number and Operations, Fractions, OA = Operations and Algebraic Thinking

*Assessed on the report card

Revised 5/20/21