2021-2022 Pacing Guide 3rd Grade Math

1st Quarter Aug 4-Oct 6	2nd Quarter Oct 7-Dec 17	3rd Quarter Jan 4-Mar 10	4th Quarter Mar 11-May 20
Content/Units: **Place Value, Rounding, Addition Strategies, Begin Addition Fact Fluency, Subtraction Strategies, Begin Subtraction Fact Fluency** ***Essential Questions*** -How do we solve problems involving the four operations, and identify and explain patterns in arithmetic? -How do we use place value and properties of operations to perform multi-digit arithmetic? **Graphing: Bar Graphs, Picture Graphs, Line Plots, Solving Two-Step Problems using Graphs** ***Essential Questions*** -How do we solve problems involving the four operations, and identify and explain patterns in arithmetic? -How do we use place value and properties of operations to perform multi-digit arithmetic? -How do we represent and interpret data? **Understand Multiplication, Begin Multiplication Fact Fluency** ***Essential Questions*** -How do we represent and solve problems involving multiplication? -How do we understand properties of	*Content/Units:* **Use Multiplication Facts** ***Essential Questions*** -How do we represent and solve problems involving multiplication? -How do we solve problems involving the four operations, and identify and explain patterns in arithmetic? -How do we use place value and properties of operations to perform multi-digit arithmetic? **Understand Division** ***Essential Questions*** -How do we represent and solve problems involving multiplication and division? -How do we understand the properties of multiplication and the relationship between multiplication and division? -How do we multiply and divide within 100? **Division Facts** ***Essential Questions*** -How do we represent and solve problems involving multiplication and division? -How do we multiply and divide within 100? -How do we solve problems involving the four operations, and identify and	*Content/Units:* **Understand Fractions** ***Essential Questions*** -How do we develop an understanding of fractions as numbers? **Comparing Fractions** ***Essential Questions*** -How do we develop an understanding of fractions as numbers? **Time** ***Essential Questions*** -How do we solve problems involving measurement and estimation? -How do we represent and interpret data? **Measurement: Length, Mass, Volume** ***Essential Questions*** -How do we solve problems involving measurement and estimation? -How do we represent and interpret data? **Perimeter & Area** ***Essential Questions***	*Content/Units:* **Two-Dimensional Shapes** ***Essential Questions*** -How do we reason with shapes and their attributes? **Review of 3rd Grade Standards/4th Grade Readiness** ***Essential Questions*** -All covered this year.

multiplication? -How do we solve problems involving the four operations, and identify and explain patterns in arithmetic? **Multiplication Facts (2-9), Properties of Multiplication, Patterns on Mult. Table** ***Essential Questions*** -How do we represent and solve problems involving multiplication? -How do we understand properties of multiplication? -How do we multiply and divide within 100? -How do we solve problems involving the four operations, and identify and explain patterns in arithmetic?	explain patterns in arithmetic? **2-Step Problems, Order of Operations** ***Essential Questions*** -How do we represent and solve problems involving multiplication and division? -How do we multiply and divide within 100? -How do we solve problems involving the four operations, and identify and explain patterns in arithmetic?	-How do we understand concepts of area and relate area to multiplication and addition? -How do we recognize perimeter?	
Common Assessments: Chapter 1 Assessment Chapter 2 Assessment Chapter 3 Assessment	*Common Assessments:* Chapter 4 Assessment Chapter 5 Assessment Chapter 6 Assessment Chapter 7 Assessment	*Common Assessments:* Chapter 8 Assessment Chapter 9 Assessment Chapter 10 Assessment Chapter 11 Assessment	*Common Assessments:* Chapter 12 Assessment
Georgia Standards of Excellence: MGSE3.NBT.1-2 MGSE3.MD.3-4 MGSE3.OA.1, 3, 5, 8, 9	*Georgia Standards of Excellence:* MGSE3.OA.1-9 MGSE3.NBT.1-3 MGSE3.MD.3-4	*Georgia Standards of Excellence:* MGSE3.NF.1, 2ab, 3a-d MGSE3.MD.1, 2, 4, 5, 6, 7	*Georgia Standards of Excellence:* MGSE3.G.1, 2 All covered this year

Important Notes:
8/4/21   First Day of School!
9/2/21   Progress Reports
9/6/21   Labor Day Holiday
10/6/21 End of 1st Quarter
	Important Notes:
	10/11/21 Columbus Day Holiday
	10/14/21 1st Quarter Report Cards
	        Parent/Teacher Conf.
	10/15/21 Early Dismissal
	        Homecoming
	11/9/21 Progress Reports
	11/11/21 Veterans Day Holiday
	11/19/21 Early Dismissal
	11/22-26 Thanksgiving Holidays
	12/17/21 Early Dismissal
	        End of 2nd Quarter
	12/20-1/3 Christmas Break
		Important Notes:
		1/3/22 Teacher Planning Day
		1/6/22 2nd Quarter Report Cards
		        Parent Teacher Conf
		1/7/22 Early Dismissal
		1/17/22 MLK, Jr. Holiday
		2/3/22 Progress Reports
		2/18/22 Teacher Planning Day
		2/21/22 President's Day Holiday
		3/10/22 End of 3rd Quarter
			Important Notes:
			3/11/22 Teacher Planning Day
			3/17/22 3rd Quarter Report Cards
			        Parent/Teacher Conf
			3/18/22 Early Dismissal
			4/1/22 Early Dismissal
			4/4-8 Spring Break
			4/21/22 Progress Reports
			5/20/22 Last Day of School!
			
			Georgia Milestone Testing is tentatively scheduled to occur April/May 2022.

*Content within a quarter is at the pace appropriate to individual classes and student needs