3rd Grade Go Math Pacing Guide - Common Core

Chapter 1: 16 Days

Lesson	Topic	Standard	Time	HW	Notes
	WHOLE NUMBER OPERATIONS				
	ADDITION & SUBTRACTION W/IN 1,000				
	Show what you know vocabulary builder				
1.1	Algebra: Number Patterns	CC:3.OA..9	1		
1.2	Round to the Nearest Ten or Hundred	CC:3.NBT.1	1		
1.3	Estimate Sums	CC:3.NBT.1	1		
1.4	Mental Math Strategies for Addition	CC:3.NBT.2	1		
1.5	Algebra: Use Properties to Add	CC:3.NBT.2	1		
	Quiz		1		
1.6	Use the Break Apart Strategy to Add	CC:3.NBT.2	1		
1.7	Use Place Value to Add	CC:3.NBT.2	1		
1.8	Estimate Differences	CC:3.NBT.1	1		
1.9	Mental Math Strategies for Subtraction	CC:3.NBT.2	1		
1.10	Use Place Value to Subtract	CC:3.NBT.2	1		
1.11	Combine Place Values to Subtract	CC:3.NBT.2	1		
1.12	Problem Solving: Addition & Subtraction	CC:3.OA..8	1		
	Review for Upcoming Test		1		
	Test		1		

Chapter 2 - 11 Days

Lesson	Topic	Standard	Time	HW	Notes
	REPRESENT AND INTERPRET DATA				
2.1	Problem Solving: Organize Data	CC:3.MD.3	1		
2.2	Use Picture Graphs	CC:3.MD.3	1		If behind these 2 lessons could
2.3	Make Picture Graphs	CC:3.MD.3	1		be doubled
2.4	Use Bar Graphs	CC:3.MD.3	1		Could be combined
2.5	Make Bar Graphs	CC:3.MD.3	1		

Lesson	Topic	Standard	Time	HW	Notes
	Quiz		1		
2.6	Solve Problems Using Data	CC:3.MD.3	1		
2.7	Use and Make Line Plots	CC:3.MD.3	1		Add Line Graph + 1 day
	Review for Upcoming Test		1		
	Test		1		

Chapter 3: 10 Days

Lesson	Topic	Standard	Time	HW	Notes
	UNDERSTAND MULTIPLICATION				
3.1	Count Equal Groups	CC:3.OA.1	1		Manipulatives
3.2	Algebra: Relate Addition and Multiplication	CC:3.OA.1	1		
3.3	Skip Count on a Number Line	CC:3.OA.3	1		
	Quiz		1		
3.4	Problem Solving: Model Multiplication	CC:3.OA.8	1		
3.5	Model with Arrays	CC:3.OA.3	1		
3.6	Algebra: Commutative Property of Multiplication	CC:3.OA.5	1		Use Manipulatives
3.7	Algebra: Multiply with 1 and 0	CC:3.OA.5	1		
	Review for Upcoming Test		1		
	Test		1 Day		

Chapter 4: 13 Days

Lesson	Topic	Standard	Time	HW	Notes
	MULTIPLICATION FACTS AND STRATEGIES				
4.1	Multiply with 2 and 4	CC:3.OA.3	1		
4.2	Multiply with 5 and 10	CC:3.OA.3	1		
4.3	Multiply with 3 and 6	CC:3.OA.3	1		
	Review/Quiz		1		
4.4	Algebra: Distributive Property	CC:3.OA.5	1		
4.5	Multiply with 7	CC:3.OA.7	1		
4.6	Algebra: Associative Property of Multiplication	CC:3.OA.5	1		

4.7	Algebra: Patterns on the Multiplication Table	CC:3.OA.9	1		
4.8	Multiply with 8	CC:3.OA.7	1		
4.9	Multiply with 9	CC:3.OA.7	1		
4.10	Problem Solving: Multiplication	CC:3.OA.8	1		
	Review for Upcoming Test		1		
	Test		1 Day		

Chapter 5: 8 Days

Lesson	Topic	Standard	Time	HW	Notes
	USE MULTIPLICATION FACTS				
5.1	Algebra: Describe Patterns	CC:3.OA.9	1		
5.2	Algebra: Find Unknown Factors	CC:3.OA.4	1		
	Quiz		1		
5.3	Problem Solving: Use the Distributive Property	CC:3.NBT.3	1		
5.4	Use Place Value to Multiply with 10	CC:3.NBT.3	1		
5.5	Multiply with Multiples of 10	CC:3.NBT.3	1		
	Review of Upcoming Test		1		° Teach 2 & 3 digit by 1 digit multiplication
	Test		1		

Chapter 6: 12 Days

Lesson	Topic	Standard	Time	HW	Notes
	UNDERSTAND DIVISION				
6.1	Problem Solving: Model Division	CC:3.OA.3	1		
6.2	Size of Equal Groups	CC:3.OA.2	1		
6.3	Number of Equal Groups	CC:3.OA.2	1		
6.4	Model with Bar Models	CC:3.OA.2	1		
6.5	Algebra: Relate Subtraction and Divison	CC:3.OA.3	1		
	Review/Quiz		1		
6.6	Investigate: Model with Arrays	CC:3.OA.3	1		
6.7	Algebra: Relate Multiplication and Divison	CC:3.OA.6	1		

6.8	Algebra: Write Related Facts	CC:3.OA.7	1		
6.9	Algebra: Division Rules for 1 and 0	CC:3.OA.5	1		
	Review for Upcoming Test		1		
	Test		1 Day		

Chapter 7: 14 Days

Lesson	Topic	Standard	Time	HW	Notes
	DIVISION FACTS AND STRATEGEIS				
7.1	Divide by 2	CC:3.OA.3	1		Lessons can be doubled up.
7.2	Divide by 10	CC:3.OA.7	1		
7.3	Divide by 5	CC:3.OA.3	1		
7.4	Divide by 3	CC:3.OA.7	1		Add a day with division with remainders.
7.5	Divide by 4	CC:3.OA.7	1		
7.6	Divide by 6	CC:3.OA.7	1		
7.7	Divide by 7	CC:3.OA.7	1		
7.8	Divide by 8	CC:3.OA.4	1		
7.9	Divide by 9	CC:3.OA.7	1		
	Quiz		1		
7.10	Problem Solving: Two-Step Problems	CC:3.OA.8	1		
7.11	Investigate: Order of Operations	CC:3.OA.8	1		
	Review for Upcoming Test		1		
	Test		1		

Chapter 8: 13 Days

Lesson	Topic	Standard	Time	HW	Notes
	FRACTIONS				
	UNDERSTAND FRACTIONS				
8.1	Equal Parts of a Whole	CC.3.NF.1	1		Use Manipulatives Throughout this Chapter
8.2	Unit Fractions of a Whole	CC.3.NF.1	1		
8.3	Equal Shares	CC.3.NF.1	2		
8.4	Fractions of a Whole	CC.3.NF.1	1		

8.5	Fractions on a Number Line	CC.3.NF.2a, CC.3.NF.2b	1		
	Quiz		1		
8.6	Relate Fractions and Whole Numbers	CC.3.NF.3c	1		
8.7	Fractions of a Group	CC.3.NF.1	1		
8.8	Find Part of a Group Using Unit Fractions	CC.3.NF.1	1		
8.9	Problem Solving: Find the Whole Group Using Unit Fractions	CC.3.NF.1	1		
	Review for Upcoming Test		1		- Adding Fractions
	Test		1 Day		- Mixed Numbers

Chapter 9: 10 Days

Lesson	Topic	Standard	Time	HW	Notes
	COMPARE FRACTIONS				
9.1	Compare Fractions with the Same Numerator	CC.3.NF.3d, CC.3.NF.1, CC.3.NF.2b	1		
9.2	Compare Fractions with the Same Denominator	CC.3.NF.3d, CC.3.NF.1, CC.3.NF.2b	1		
9.3	Problem Solving: Compare Fractions	CC.3.NF.3d, CC.3.NF.1	1		
	Review/Quiz		1		
9.4	Compare Fractions	CC.3.NF.3d, CC.3.NF.1, CC.3.NF.3	1		
9.5	Compare and Order Fractions	CC.3.NF.3d, CC.3.NF.1, CC.3.NF.3	1		
9.6	Investigate: Model Equivalent Fractions	CC.3.NF.3a, CC.3.NF.1, CC.3.NF.2a, CC.3.NF.2b, CC.3.NF.3, CC.3.NF.3b, CC.3.NF.3c, CC.3.G.2	1		
9.7	Equivalent Fractions	CC.3.NF.3b, CC.3.NF.1	1		
	Review for Upcoming Test	CC.3.NF.3, CC.3.NF.3a, CC.3.G2	1		
	Test		1		

Chapter 10: 14 Days

Lesson	Topic	Standard	Time	HW	Notes
	MEASUREMENT				
	TIME, LENGTH, LIQUID VOLUME, AND MASS				
10.1	Time to the Minute	CC.3.MD.1	2		Add extra practice if background knowledge 11= weak
10.2	A.M. and P.M.	CC.3.MD.1	1		
10.3	Measure Time Intervals	CC.3.MD.1	1		
10.4	Use Time Intervals	CC.3.MD.1, CC.3.NBT.2	1		
10.5	Problem Solving: Time Intervals	CC.3.MD.1, CC.3.OA.8, CC.3.NBT.2	1		
	Quiz		1		
10.6	Measure Length	CC.3.MD.4	2		Add additional practice activities as needed
10.7	Estimate and Measure Liquid Voume	CC.3.MD.2	1		
10.8	Estimate and Measure Mass	CC.3.MD.2	1		
10.9	Solve Problems About Liquid Volume and Mass	CC.3.MD.2, CC.3.OA.7, CC.3.NBT.2	1		
	Review for Upcoming Test		1		
	Test		1		

Chapter 11: 13 Days

Lesson	Topic	Standard	Time	HW	Notes
	PERIMETER AND AREA				
11.1	Investigate: Model Perimeter	CC.3.MD.8	1		
11.2	Find Perimeter	CC.3.MD.8, CC.3.NBT.2, CC.3.MD.4	1		
11.3	Algebra: Find Unknown Side Lengths	CC.3.MD.8, CC.3.NBT.2, CC.3.MD.4	1		
11.4	Understand Area	CC.3.MD.5, CC.3.MD.5a	1		
11.5	Investigate: Measure Area		1		
	Review/Quiz		1		
11.6	Use Area Models		1		
11.7	Problem Solving: Area of Rectangles		1		

Lesson	Topic		Time		
11.8	Area of Combined Rectanges		1		
11.9	Same Perimeter, Different Areas		1		
11.10	Same Area, Different Perimeters		1		
	Review for Upcoming Test		1		
	Test		1		

Chapter 12: 12 Days

Lesson	Topic	Standard	Time	HW	Notes
	GEOMETRY				
	TWO DIMENSIONAL SHAPES				
12.1	Describe Plane Shapes	CC.3.G.1	1		
12.2	Describe Angles in Plane Shapes	CC.3.G.1	1		
12.3	Identify Polygons	CC.3.G.1	1		
12.4	Describe Sides of Polygons	CC.3.G.1	1		
12.5	Classify Quadrilaterals	CC.3.G.1	1		
12.6	Draw Quadrilaterals	CC.3.G.1	1		
	Review/Quiz	CC.3.G.1	1		
12.7	Describe Triangles	CC.3.G.1	1		
12.8	Problem Solving: Classify Plane Shapes	CC.3.G.1	1		
12.9	Investigate: Relate Shapes, Fractions, and Area	CC.3.G.2	1		
	Review for Upcoming Test	CC.3.NF1, CC.3NF3D	1		
	Test	CC.3.MD.5	1		

156 Total Days

- Use extra days to review: money, place value, division w/remainder
  multiply with 2 digit numbers