

## 2nd Grade Go Math Pacing Guide - Common Core

### Chapter 1: 16 Days

Lesson	Topic	Standard	Time	HW	Notes
	<b>OPERATIONS AND ALGEBRAIC THINKING</b>				
	<b>NUMBER CONCEPTS: Big Idea</b>		2		
	Show What You Know		1		
1.1	Algebra: Even and Odd Numbers	CC.2.OA.3	1		
1.2	Algebra: Represent Even Numbers	CC.2.OA.3	1		
1.3	Understand Place Value	CC.2.NBT.3	2		
1.4	Expanded Form	CC.2.NBT.3	1		
1.5	Different Ways to Write Numbers	CC.2.NBT.3	1		Mid-chapter checkpoint * Uses pages 31-32 as a quiz.
1.6	Algebra: Different Names for Numbers	CC.2.NBT.3	2		
1.7	Problem Solving: Tens and Ones	CC.2.NBT.3	2		
1.8	Counting Patterns Within 100	CC.2.NBT.2	1		
1.9	Counting Patterns Within 1000	CC.2.NBT.2	1		
	Review		1		
	Assessment		1		

### Chapter 2: 16 Days

Lesson	Topic	Standard	Time	HW	Notes
	<b>OPERATIONS AND ALGEBRAIC THINKING</b>				
	<b>NUMBERS TO 1,000</b>				
	Show What You Know		1		
2.1	Group Tens as Hundreds	CC.2.NBT.2a & 1b	1		
2.2	Explore 3-Digit Numbers	CC.2.NBT.1	2		
2.3	Model 3-Digit Numbers	CC.2.NBT.1	1		
2.4	Hundreds, Tens and Ones	CC.1.OA.1	1		
2.5	Place Value to 1,000	CC.2.NBT.1	1		
2.6	Number Games	CC.2.NBT.3	1		
2.7	Different Forms of Numbers	CC.2.NBT.3	1		Mid-chapter checkpoint * Uses pages 83-84 as a quiz.
2.8	Algebra: Different Ways to Show Numbers	CC.2.NBT.3	1		
2.9	Count On and Count Back by 10 and 100	CC.2.NBT.8	1		
2.10	Algebra: Number Patterns	CC.2.NBT.8 & 2	1		
2.11	Problem Solving: Compare Numbers	CC.2.NBT.4	1		
2.12	Algebra: Compare Numbers	CC.2.NBT.4	1		
	Review		1		
	Assessment		1		

### Chapter 3: 17 Days

Lesson	Topic	Standard	Time	HW	Notes
<b>OPERATIONS AND ALGEBRAIC THINKING</b>					
<b>BASIC FACTS AND RELATIONSHIPS</b>					
	Show What You Know		1		
3.1	Use Double Facts	CC.2.OA.2	1		Manipulatives
3.2	Practice Addition Facts	CC.2.OA.2	1		
3.3	Algebra: Make a Ten to Add	CC.2.OA.2	1		
3.4	Algebra: Add 3 Addends	CC.2.OA.2 / NBT.5	1		
3.5	Algebra: Relate Addition and Subtraction	CC.2.OA.2	1		
3.6	Practice Subtraction Facts	CC.2.OA.2	1		Use Manipulatives
	Review/Quiz		1		
3.7	Use Ten to Subtract	CC.2.OA.2 / MD.6	1		
3.8	Algebra: Use Drawings to Represent Problems	CC.2.OA.1	2		
3.9	Algebra: Use Equations to Represent Problems	CC.2.OA.1	2		
3.10	Problem Solving: Equal Groups	CC.2.OA.4	1		
3.11	Algebra: Repeated Addition	CC.2.OA.4	1		
	Review		1		
	Assessment		1		

### Chapter 4: 16 Days

Lesson	Topic	Standard	Time	HW	Notes
<b>OPERATIONS AND ALGEBRAIC THINKING / BASE TEN</b>					
<b>2-DIGIT ADDITION</b>					
	Show What You Know		1		
4.1	Break Apart Ones to Add	CC.2.NBT.6 & 5	1		
4.2	Use Compensation	CC.2.NBT.6 & 5	1		
4.3	Break Apart Addends as Tens and Ones	CC.2.NBT.6 & 5	1		
4.4	Model Regrouping for Addition	CC.2.NBT.6 & 9	1		Use Manipulatives
4.5	Model and Record 2-Digit Addition	CC.2.NBT.6 & 9	1		Use Manipulatives
4.6	2-Digit Addition	CC.2.NBT.5, 6, & 9	1		
4.7	Practice 2-Digit Addition	CC.2.NBT.5 & 7	1		
4.8	Review 2-Digit Addition	CC.2.NBT.5 & 6	1		
	Review / Quiz		1		
4.9	Problem Solving: Addition	CC.2.OA.1 / NBT.5	1		
4.10	Algebra: Write Equations to Represent Addition	CC.2.OA.1 / NBT.5	1		
4.11	Algebra: Find Sums for 3 Addends	CC.2.NBT.6	1		
4.12	Algebra: Find Sums for 4 Addends	CC.2.NBT.6	1		
	Review		1		
	Assessment		1		

### Chapter 5: 16 Days

Lesson	Topic	Standard	Time	HW	Notes
<b>OPERATIONS AND ALGEBRAIC THINKING / BASE TEN</b>					
<b>2-Digit Subtraction</b>					
	Show What You Know		1		
5.1	Algebra: Break Apart Ones to Subtract	CC.2.NBT.5	1		
5.2	Algebra: Break Apart Numbers to Subtract	CC.2.NBT.5	1		Challenging & confusing skill. Children can
5.3	Model Regrouping for Subtraction	CC.2.NBT.9 & 5	1		master chapter skills w/out this concept. Not a
5.4	Model and Record 2-Digit Subtraction	CC.2.NBT.5 & 9	1		prerequisite skill for 3rd grade (per Grade 3 teachers)
5.5	2-Digit Subtraction	CC.2.NBT.5 & 9	1		
5.6	Practice 2-Digit Subtraction	CC.2.NBT.5	1		
5.7	Rewrite 2-Digit Subtraction	CC.2.NBT.5	1		
	Review/Quiz		1		
5.8	Add to Find Differences	CC.2.NBT.5	1		
5.9	Problem Solving: Subtraction	CC.2.OA.1 / NBT.5	1		
5.10	Algebra: Write Equations to Represent Subtraction	CC.2.OA.1 / NBT.5	1		
5.11	Solve Multistep Problems	CC.2.OA.1 / NBT.5	2		
	Review		1		
	Assessment		1		

### Chapter 6: 15 Days

Lesson	Topic	Standard	Time	HW	Notes
<b>NUMBER AND OPERATIONS IN BASE TEN</b>					
<b>3-DIGIT ADDITION AND SUBTRACTION</b>					
	Show What You Know		1		
6.1	Draw to Represent 3-Digit Addition	CC.2.NBT.7	1		
6.2	Break Apart 3-Digit Addends	CC.2.NBT.1	1		
6.3	3-Digit Addition: Regroup Ones	CC.2.NBT.2b	1		
6.4	3-Digit Addition: Regroup Tens	CC.2.NBT.2b	1		
6.5	Addition: Regroup Ones and Tens	CC.2.NBT.7	1		
6.6	Problem Solving: 3-Digit Subtraction	CC.2.NBT.7	1		Add one day for 3 digit addition quiz.
6.7	3-Digit Subtraction: Regroup Tens	CC.2.NBT.7	1		
6.8	3-Digit Subtraction: Regroup Hundreds	CC.2.NBT.7	1		
6.9	Subtraction: Regroup Hundreds and Tens	CC.2.NBT.7	1		
6.10	Regrouping with Zeros	CC.2.NBT.7	1		Add one day for 3 digit subtraction quiz.
	Review		1		
	Assessment		1		

### Chapter 7: 18 Days

Lesson	Topic	Standard	Time	HW	Notes
	<b>MEASUREMENT AND DATA</b>				
	<b>MONEY AND TIME</b>				
	Show What You Know		1		
7.1	Dimes, Nickels and Pennies	CC.2.MD.8	1		
7.2	Quarters	CC.2.MD.8	2		
7.3	Count Collections	CC.2.MD.8	1		
7.4	Show Amounts in Two Ways	CC.2.MD.8	1		
7.5	One Dollar	CC.2.MD.8	1		
7.6	Amounts Greater than \$1	CC.2.MD.8	1		
7.7	Problem Solving: Money	CC.2.MD.8	1		
7.8	Time to the Hour and Half Hour	CC.2.MD.7	1		Give quiz on money skills before beginning time (1 Day)
7.9	Time to 5 Minutes	CC.2.MD.7	1		
7.10	Practice Telling Time	CC.2.MD.7	2		
7.11	A.M. and P.M.	CC.2.MD.7	1		Give quiz on time skills before chapter test on both skills. (1 Day)
	Review		1		
	Assessment		1		

### Chapter 8: 13 Days

Lesson	Topic	Standard	Time	HW	Notes
	<b>MEASUREMENT AND DATA</b>				
	<b>LENGTH IN CUSTOMARY UNITS</b>				
	Show What You Know				
8.1	Measure with Inch Models	CC.2.MD.1	1		Use Manipulatives Throughout this Chapter
8.2	Make and Use a Ruler	CC.2.MD.1	1		
8.3	Estimate Lengths in Inches	CC.2.MD.3	1		
8.4	Measure with an Inch Ruler	CC.2.MD.1	1		
	Review/Quiz		1		
8.5	Problem Solving: Add and Subtract in Inches	CC.2.MD.5& 6	1		
8.6	Measure in Inches and Feet	CC.2.MD.2	1		
8.7	Estimate Lengths in Feet	CC.2.MD.3	1		
8.8	Choose a Tool	CC.2.MD.1	1		
8.9	Display Measurement Data	CC.2.MD.9	1		
	Review		1		
	Assessment		1 Day		

### Chapter 9: 10 Days

Lesson	Topic	Standard	Time	HW	Notes
	<b>MEASUREMENT AND DATA</b>				
	<b>LENGTH IN METRIC UNITS</b>				
	Show What You Know				
9.1	Measure with a Centimeter Model	CC.2.MD.1	1		
9.2	Estimate Lengths in Centimeters	CC.2.MD.3	1		
9.3	Measure with a Centimeter Ruler	CC.2.MD.1	1		
9.4	Problem Solving: Add and Subtract Lengths	CC.2.MD.6 & 5	1		You may want to quiz the children after teaching this lesson. Adding a day
9.5	Centimeters and Meters	CC.2.MD.2	1		isn't necessary.
9.6	Estimate Lengths in Meters	CC.2.MD.3	1		
9.7	Measure and Compare Lengths	CC.2.MD.4	1		
	Review		1		
	Assessment		1		

### Chapter 10: 10 Days

Lesson	Topic	Standard	Time	HW	Notes
	<b>MEASUREMENT AND DATA</b>				
	<b>DATA</b>				
	Show What You Know		1		
10.1	Collect Data	CC.2.MD.10	1		
10.2	Read Picture Graphs	CC.2.MD.10	1		
10.3	Make Picture Graphs	CC.2.MD.10	1		
	Review/Quiz		1		
10.4	Read Bar Graphs	CC.2.MD.10	1		
10.5	Make Bar Graphs	CC.2.MD.10	1		
10.6	Problem Solving: Display Data	CC.2.MD.10	1		
	Review		1		
	Assessment		1		

**Chapter 11: 14 Days**

Lesson	Topic	Standard	Time	HW	Notes
	<b>GEOMETRY</b>				
	<b><i>GEOMETRY AND FRACTION CONCEPTS</i></b>				
	Show What You Know				
11.1	Three-Dimensional Shapes	CC.2.G.1	1		
11.2	Attributes of Three-Dimensional Shapes	CC.2.G.1	1		
11.3	Two-Dimensional Shapes	CC.2.G.1	1		
11.4	Angles in Two-Dimensional Shapes	CC.2.G.1	1		
11.5	Sort Two-Dimensional Shapes	CC.2.G.1	1		
	Review/Quiz		1		
11.6	Partition Rectangles	CC.2.G.2 / OA.4	1		
11.7	Equal Parts	CC.2.G.3	1		
11.8	Show Equal Parts of a Whole	CC.2.G.3	1		
11.9	Describe Equal Parts	CC.2.G.3	1		
11.10	Problem Solving: Equal Shares	CC.2.G.3	1		Add one day for a quiz after fractions. (1 Day)
	Review		1		
	Assessment		1		