

4th Grade Go Math Pacing Guide - Common Core

Chapter 1: 14 Days

Lesson	Topic	Standard	Time	HW	Notes
	PLACE VALUE & OPERATIONS W/WHOLE NUMBERS				Order of Chapters
	PLACE VALUE, ADDITION, & SUBTRACTION TO ONE MILLION			(Refer to Prac. Book)	Complete Chapters 1 to 7 in order. Then,
1.1	Model Place Value Relationships	4.NBT.1	2		supplement with probability. Then, Chapter 9 and
1.2	Read and Write Numbers	4.NBT.2	2		10 (supplementing Chapter 10 with Solid (3-D)
1.3	Compare and Order Numbers	4.NBT.2	1		shapes. Next, Chapter 13 with volume as a
1.4	Whole Round Numbers	4.NBT.3	1		supplement.
1.5	Rename Numbers	4.NBT.1	2		Next, Chapter 12, with supplements of other
	Quiz				types of graphs. Can post-pone metrics until
1.6	Add Multi-Digit Numbers	4.NBT.4	1		after MCAS. Then, Chapter 8.
1.7	Subtract Multi-Digit Numbers	4.NBT.4	1		Chapter 11 is last.
1.8	Problem Solving: Comparison Problems w/Addition and Subtraction	4.NBT.4	2		
	Review for Upcoming Test		1		
	Test		1		

Chapter 2 - 21 Days

Lesson	Topic	Standard	Time	HW	Notes
	MULTIPLY BY 1-DIGIT NUMBERS				
2.1	Meaning of Multiplication	4.OA.1	2		
2.2	Comparison Problems	4.OA.2	2		
2.3	Multiply Tens, Hundreds, and Thousands	4.NBT.5	1		
2.4	Estimate Products	4.NBT.5	1		
	Quiz				
2.5	Investigate: Multiply Using Distributive Property	4.NBT.5	2		
2.6	Multiply Using Expanded Form	4.NBT.5	2		
2.7	Multiply Using Partial Products	4.NBT.5	1		
2.8	Multiply Using Mental Math	4.NBT.5	1		
2.9	Problem Solving: Multistep Multiplication Problems	4.OA.3	1		
2.10	Multiply 2-Digit Numbers with Regrouping	4.NBT.5	2		
2.11	Multiply 3-Digit and 4-Digit Numbers w/Regrouping	4.NBT.5	2		
2.12	Algebra: Solve Multistep Problems Using Equations	4.OA.3	2		
	Review for Upcoming Test		1		
	Test		1		

Chapter 3: 10 Days

Lesson	Topic	Standard	Time	HW	Notes
	MULTIPLY 2-DIGIT NUMBERS	opener	½		
3.1	Multiply Tens	4.NBT.5	1		Manipulatives
3.2	Estimate Products	4.NBT.5	1		
3.3	Investigate: Area Models and Partial Products	4.NBT.5	1		
3.4	Multiply Using Partial Products	4.NBT.5			
3.5	Multiply with Regrouping	4.NBT.5	1		
3.6	Choose a Multiplication Method	4.NBT.5	1		Use Manipulatives
3.7	Problem Solving: Multiply 2-Digit Numbers	4.OA.3	2		
	Review for Upcoming Test		1		
	Test		1 Day		

Chapter 4: 16 Days

Lesson	Topic	Standard	Time	HW	Notes
	DIVIDE BY 1-DIGIT NUMBERS				
4.1	Estimate Quotients Using Multiples & Opener	4.NBT.6	1		Exposure, not mastery
4.2	Investigate: Remainders	4.NBT.6	1		
4.3	Interpret the Remainder	4.OA.3	1		
4.4	Divide Tens, Hundreds, and Thousands	4.NBT.6	½ or 1		
4.5	Estimate Quotients Using Compatible Numbers	4.NBT.6	1		Exposure, not mastery
	Quiz		½		
4.6	Investigate: Division and the Distributive Property	4.NBT.6	½		
4.7	Divide Using Repeated Subtraction	4.NBT.6	1		
4.8	Divide Using Partial Quotients	4.NBT.6	1		
4.9	Investigate: Model Division with Regrouping	4.NBT.6	2		
4.10	Place the First Digit	4.NBT.6	1		
4.11	Divide by 1-Digit Numbers	4.NBT.6	1		
4.12	Problem Solving: Multistep Division Problems	4.OA.3	1		
	Review for Upcoming Test		1		
	Test		1 Day		

Chapter 5: 11.5 - 12 Days

Lesson	Topic	Standard	Time	HW	Notes
	FACTORS, MULTIPLES, AND PATTERNS OPENER		½		
5.1	Model Factors	4.OA.4	1½		
5.2	Find Factors	4.OA.4	1		
5.3	Problem Solving: Common Factors	4.OA.4	2		

	Quiz		1/2		
5.4	Relate Factors and Multiples	4.OA.4	1 1/2		
5.5	Prime and Composite Numbers	4.OA.4	1 1/2		
5.6	Algebra: Number Patterns	4.OA.5	1		
	Review of Upcoming Test		1		
	Test		1		

Chapter 6: 14 Days

Lesson	Topic	Standard	Time	HW	Notes
	FRACTIONS AND DECIMALS				
	<i>FRACTION EQUIVALENCE AND COMPARISON OPENER</i>		1/2		
6.1	Investigate: Equivalent Fractions	4.NF.1	1 1/2		
6.2	Generate Equivalent Fractions	4.NF.1	1		
6.3	Simplest Forms	4.NF.1	1		
6.4	Common Denominators	4.NF.1	2		
6.5	Problem Solving: Factors, Multiples, and Equivalent Fractions	4.NF.1	1		
	Review/Quiz	4.NF.2	1		
6.6	Compare Fractions Using Benchmarks	4.NF.2	1		
6.7	Compare Fractions	4.NF.2	1		
6.8	Compare and Order Fractions	4.NF.2	2		
	Review for Upcoming Test		1		
	Test		1		

Chapter 7: 15 Days

Lesson	Topic	Standard	Time	HW	Notes
	<i>ADD AND SUBTRACT FRACTIONS</i>				
7.1	Investigate: Join and Separate Fractions & Opener	4.NF.3a	1	P133-134	
7.2	Write Fractions as Sums	4.NF.3b	1	P135-136	
7.3	Add Fractions Using Models	4.NF.3d	1		
7.4	Subtract Fractions Using Models	4.NF.3d	1		
7.5	Add and Subtract Fractions	4.NF.3d	1		
	Quiz		1/2		
7.6	Rename Fractions and Mixed Numbers	4.NF.3b	1 1/2		
7.7	Add and Subtract Mixed Numbers	4.NF.3c	1 1/2		
7.8	Record Subtraction with Renaming	4.NF.3c	1 1/2		
7.9	Algebra: Fractions and Properties of Addition	4.NF.3c	1		
7.10	Problem Solving: Multistep Problems with Fractions	4.NF.3d	2		

	Review for Upcoming Test		1		
	Test		1		Need to supplement with probability.

Chapter 8: 9 Days (postponed until after MCAS)

Lesson	Topic	Standard	Time	HW	Notes
	MULTIPLY FRACTIONS BY WHOLE NUMBERS				
8.1	Investigate: Multiples of Unit Fractions & Opener	4.NF.4a	1		
8.2	Investigate: Multiples of Fractions	4.NF.4b, 4.NF.4c	1		
	Quiz		1/2		
8.3	Model Multiplication of a Fraction by a Whole Number	4.NF.4b, 4.NF.4c	1		
8.4	Multiply a Fraction by a Whole Number	4.NF.4c	1 1/2		
8.5	Problem Solving: Comparison Problems with Multiplication	4.NF.4c	2		
	Review for Upcoming Test		1		
	Test		1		

Chapter 9: 10 Days (Ch. 9, then Ch. 10, 13, 12, 8, 1)

Lesson	Topic	Standard	Time	HW	Notes
	RELATE FRACTIONS AND DECIMALS				
9.1	Relate Tenths and Decimals & Opener	4.NF.6	1		
9.2	Relate Hundredths and Decimals	4.NF.6	1		
9.3	Equivalent Fractions Decimals	4.NF.5, 4.NF.6	1		
9.4	Relate Fractions, Decimals, and Money	4.NF.6	1		
	Quiz		1/2		
9.5	Problem Solving: Money	4.MD.2	1		
	Quiz		1/2		
9.6	Add Fractional Parts of 10 and 100	4.NF.5	1		
9.7	Compare Decimals	4.NF.7	1		
	Review for Upcoming Test		1		
	Test		1		

Chapter 10: 11 Days

Lesson	Topic	Standard	Time	HW	Notes
	GEOMETRY, MEASUREMENT, AND DATA				Need to supplement with solid (3-D) figures
	TWO-DIMENSIONAL FIGURES				
10.1	Lines, Rays, and Angles & Opener	4.G.1	2		
10.2	Classify Triangles	4.G.2, 1	1		
10.3	Parallel and Perpendicular Lines	4.G.1	1		
10.4	Classify Quadrilaterals	4.G.2	1 1/2		- Needs extra time to distinguish all the

	Quiz		½		characteristics of quadrille.
10.5	Line Symmetry	4.G.3	1		
10.6	Find and Draw Lines of Symmetry	4.G.3	1		
10.7	Problem Solving: Shape Patterns	4.OA.5	1		
	Review for Upcoming Test		1		
	Test		1		

Chapter 11: 10 Days (can be delayed until last)

Lesson	Topic	Standard	Time	HW	Notes
	ANGLES				
11.1	Investigate: Angles and Fractional Parts of a Circle & Opener	4.MD.5a	2		
11.2	Degrees	4.MD.5a, 4.MD.5b	1		Exposure, not mastery
	Review/Quiz				
11.3	Measure and Draw Angles	4.MD.6	1½		
11.4	Join and Separate Angles	4.MD.7	1½		
11.5	Problem Solving: Angle Equations	4.MD.7	1½		Exposure, not mastery
	Review for Upcoming Test		1		
	Test		1		

Chapter 12: 18 Days

Lesson	Topic	Standard	Time	HW	Notes
	RELATIVE SIZES OF MEASUREMENT UNITS				
12.1	Measurement Benchmarks & Opener	4.MD.1	2		
12.2	Customary Units of Length	4.MD.1, 2	1		
12.3	Customary Units of Weight	4.MD.1, 2	1		
12.4	Customary Units of Liquid Volume	4.MD.1, 2	1½		
12.5	Line Plots	4.MD.2	1		Supplement with other types of graphs
12.6	Investigate: Metric Units of Length	4.MD.1	1		
	Review/Quiz		½		
12.7	Metric Units of Liquid Volume and Mass	4.MD.2	1½		Metric can be post-poned until after MCAS
12.8	Time		1½		
12.9	Problem Solving: Elapsed Time	4.MD.1, 2	2		
12,10	Solve Problems with Mixed Measures	4.MD.1, 2	2		
12.11	Patterns in Measurement Units	4.MD.1	1		
	Review for Upcoming Test		1		
	Test		1		

Chapter 13: 9½ Days

Lesson	Topic	Standard	Time	HW	Notes
	PERIMETER AND AREA				
13.1	Introduction & Perimeter	4.MD.3	1½		Downplay formulas
13.2	Area	4.MD.3	1		
13.3	Perimeter and Area of Combined Figures	4.MD.3	2		
	Review & Quiz		1		
13.4	Find Unknown Measures	4.MD.3	1		
13.5	Problem Solving: Find the Area	4.MD.3	1		
	Review for Upcoming Test		1		
	Test		1		Need to insert supplement of volume