

West Contra Costa Unified School District

Suggested Pacing Guide for Grade 4

Text: California Everyday Mathematics 2008

Time/ # of days	Topics: Content & Assessment	CA Content Standards	Resources
10	Unit 1: Naming and Constructing Geometric Figures		
1	Lesson 1.1: Intro into <i>Student Reference</i> Book	NS 1.2 NS 3.0	
1	Lesson 1.2: Points, Line Segments, Lines and Rays	MG 3.0	
1	Lesson 1.3: Angles, Triangles, and Quadrangles	MG 3.7 MG 3.8	Quadrilaterals
1	Lesson 1.4: Parallelograms	MG 3.1 MG 3.8	
1	Lesson 1.5: Polygons	MG 3.0	Decomposing/Recomposing Geometric Shapes
1	Lesson 1.6: Drawing Circles with a Compass (Optional)	MG 3.0	Circle Vocabulary Using Paper Plates
1	Lesson 1.7: Circle Constructions (Optional)	MG 3.0 MG 3.2 MG 3.3	
1	Lesson 1.8: Hexagon and Triangle Constructions (Optional)	MG 3.0	
2	Lesson 1.9: Assessment (and enrichment)		
13	Unit 2: Using Numbers and Organizing Data		
1	Lesson 2.2: Many Names for Numbers Teach prime and composite numbers. Teach decomposition	NS 3.0 NS 4.1	
1	Lesson 2.3: Place Value in Whole Numbers	NS 1.0 NS 1.1	
1	Lesson 2.4: Place Value with a Calculator (Optional)	NS 1.0 NS 1.1	
1	Lesson 2.5: Organizing and Displaying Data	SDAP 1.1 SDAP 1.2	Interpreting Data in Graphs
1	Lesson 2.6: The Median	SDAP 1.1 SDAP 1.2	

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2	Lesson 2.7: Addition of Multi-Digit Numbers	NS 3.1	Adding and Subtracting Whole Numbers — Multiple Methods Adding Whole Numbers and Decimals
1	Lesson 2.8: Displaying Data with a Bar Graph	SDAP 1.1	
2	Lesson 2.9: Subtraction of Multi-Digit Numbers	NS 3.1	Adding/Subtracting – Models Worksheet Subtracting Whole Numbers – Multiple Algorithms
2	Lesson 2.10: Assessment		
16	Unit 3: Multiplication and Division; Number Sentence and Algebra		
1	Lesson 3.1: What's my Rule	AF 1.4	
2	Lesson 3.2: Multiplication Facts	NS 3.0	Hundreds Chart
1	Lesson 3.3: Multiplication Facts Practice	NS 3.0	
1	Lesson 3.4: More Multiplication Facts Practice	NS 3.0	
2	Lesson 3.5: Multiplication & Division	NS 3.0	Multiplication Using the Distributive Property Multiplying Multi-Digit Numbers
2	Lesson 3.8: A Guide for Solving Number Stories	NS 2.1 MR 1.0, 1.1	Multi-Step Word Problems Bar Models — Word Problems
1	Lesson 3.9: True or False Number Sentences	AF 1.2 AF 1.3	

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1	Lesson 3.10: Parentheses in Number Sentences	AF 1.1	
1	Lesson 3.11: Open Sentences	AF 1.1	
1	California Project 10		Solving Equations – Algebra Tiles Solving Equations – Bar Models Solving Equations – Decomposition
2	Review		
1	Unit 3 Test		
18	Unit 5: Big Numbers, Estimation, and Computation		
2	Lesson 5.1: Extended Multiplication Facts	NS 3.0	
2	Lesson 5.2: <i>Multiplication Wrestling</i>	NS 3.0	
1	Lesson 5.3: Estimating Sums	NS 3.0	Rounding and Estimating Adding Whole Numbers and Decimals
2	Lesson 5.4: Estimating Products	NS 1.3	
2	Lesson 5.5: Partial Products –Multiplication Part I	NS 3.2	Multiplication Using the Distributive Property Multiplying Multi-Digit Numbers Multiplying Whole Numbers – Generic Rectangle
2	Lesson 5.6: Partial Products –Multiplication Part II	NS 3.2	Area Models Through the Grades

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1	Lesson 5.7: Lattice Multiplication (Optional)	NS 3.2	Bar Models — Word Problems
1	Lesson 5.8: Big Numbers	NS 1.0	
1	Lesson 5.9: Powers of 10 (Optional)	NS 1.1	
2	Lesson 5.10: Rounding and Reporting Large Numbers	NS 1.3	Rounding and Estimating
1	Lesson 5.11: Comparing Data	NS 1.2	
1	Lesson 5.12: Progress Check		
1	Benchmark 1 Assessment		
21	Unit 6: Division; Map Reference Frames; Measures of Angles		
1	Lesson 6.1: Multiplication & Division Number Stories	NS 3.0	Bar Models — Word Problems Multi-Step Word Problems
2	Lesson 6.2: Strategies for Division	NS 3.4	Division Algorithms
2	Lesson 6.3: The Partial-Quotients Division Algorithm – Part I	NS 3.2 NS 3.4	
3	Lesson 6.4: Expressing and Interpreting Remainders	NS 1.4 NS 3.4	Dividing by Decomposing Fractions
1	Lesson 6.5: Rotations and Angles	MG 3.5	
1	Lesson 6.6: Using a Full-Circle Protractor Lesson 6.7: The Half-Circle Protractor	MG 3.5	
1	Lesson 6.8: Rectangular Coordinate Grids for Maps (Optional)	MG 2.0	Family of Functions & Their Graphs

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1	Lesson 6.9: Global Coordinate Grid System (Optional)	MG 2.0	
3	Lesson 6.10: The Partial-Quotients Division Algorithm – Part II	NS 3.2 NS 3.4	
2	California Project 8 and 9		
3	Review/ Reteach/ Preteach		
1	Lesson 6.11: Assessment		
27	Unit 7: Fractions and Their uses; Chance and Probability		Number Line Worksheets
1	Lesson 7.1: Review of Basic Fraction Concepts	NS 1.5	Fractions – Ordering & Intro Adding/Subtracting
2	Lesson 7.2: Fractions of Sets	NS 1.5	
1	Lesson 7.3: Probabilities When Outcomes Are Equally Likely	SDAP 2.2	
2	Lesson 7.4: Pattern-Block Fractions	NS 1.5 NS 1.7	Fractions — Adding Using Pattern Blocks
3	Lesson 7.5: Fraction Addition and Subtraction	NS 1.5 NS 1.7	Fractions — Adding Adding Fractions with Unlike Denominators
2	Lesson 7.6: Many Names for Fractions	NS 1.5	Fractions — Simplifying
2	Lesson 7.7: Equivalent Fractions	NS 1.5 NS 1.7	Fractions – Ordering & Intro Adding/Subtracting
2	Lesson 7.8: Fractions and Decimals	NS 1.6	Equivalent Decimals and Fractions Fractions, Decimals, and Percents
3	Lesson 7.9: Comparing Fractions	NS 1.9	Number Line Worksheets

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2	Lesson 7.10: The ONE for Fractions	NS 1.5 NS 1.7	
2	Lesson 7.11: Probability, Fractions, and Spinners	SDAP 2.2	Probability
2	Lesson 7.12: A Cube-Drop Experiment	SDAP 2.2	
2	Review and Reteach		
1	Lesson 7.13: Progress Check #7		
17	Unit 4: Decimals and Their Uses		Adding Decimals by Decomposition Adding Whole Numbers and Decimals
1	Lesson 4.1: Decimal Place Value	NS 1.2	
2	Lesson 4.2: Review of Basic Decimal Concepts	NS 1.5 NS 1.6	
2	Lesson 4.3: Comparing and Ordering Decimals	NS 1.2	
2	Lesson 4.4: Estimating with Decimals	NS 2.1	
2	Lesson 4.5: Decimal Addition and Subtraction	NS 2.0 NS 2.1	
1	Lesson 4.6: Decimals in Money	NS 2.1	
1	Lesson 4.8: Metric Units of Length	NS 1.6	
1	Lesson 4.9: Personal References for Metric Length (Optional)	MR 2.5	
1	Lesson 4.10: Measuring in Millimeters	MR 3.2	
3	Review, Reteach, Preteach		

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1	Lesson 4.11: Progress Check 4		
1	Benchmark 2 Assessment		
15	Unit 8: Perimeter and Area		
1	Lesson 8.1: Kitchen Layouts and Perimeter (Optional)	MG 1.0 MG 1.4	
2	Lesson 8.2: Scale Drawings (Optional)	MG 1.0	
1	Lesson 8.3: Area	MG 1.0 MG 1.1	
1	Lesson 8.4: What Is the Area of My Skin?	MG 1.0 MG 1.1	
2	Lesson 8.5: Formula for the Area of a Rectangle	MG 1.4 AF 1.1, 1.4	
1	Lesson 8.6: Formula for the Area of a Parallelogram	MG 1.4 AF 1.1, 1.4	
1	Lesson 8.7: Formula for the Area of a Triangle	MG 1.4 AF 1.1, 1.4	
2	Lesson 8.8: Geographical Area Measurements	MG 1.0	
2	Review and Reteach		
2	Lesson 8.9: Progress Check #8		
12	Unit 9: Fractions, Decimals, and Percents		
2	Lesson 9.1: Fractions, Decimals, and Percents	NS 1.7	Fractions, Decimals, and Percents
2	Lesson 9.2: Converting “Easy” Fractions to Decimals and Percents	NS 1.6	Equivalent Decimals and Fractions
1	Lesson 9.3: Using a Calculator to Convert Fractions to Decimals (Optional)	NS 1.6	
1	Lesson 9.4: Using a Calculator to Rename Fractions as Percents (Optional)	NS 1.6	

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1	Lesson 9.5: Conversions among Fractions, Decimals, and Percents	NS 1.6 NS 2.2	Percent Problems — Multiple Methods Fractions, Decimals, and Percents
1	Lesson 9.6: Comparing the Results of a Survey	SDAP 1.1	
1	Lesson 9.7: Comparing Population Data	NS 1.2 SDAP 1.3	
1	Lesson 9.8: Multiplication of Decimals	NS 3.3 MR 2.1	Multiplying Multi-Digit Numbers Multiplication Using the Distributive Property Multiplying Whole Numbers – Generic Rectangle Area Models Through the Grades
1	Lesson 9.9: Division of Decimals	NS 3.4 MR 2.1	
1	Lesson 9.10: Progress Check #9		
8	Unit 10: Reflections and Symmetry		
1	Lesson 10.1: Explorations with a Transparent Mirror	MG 3.4	
1	Lesson 10.2: Finding Lines of Reflections	MG 3.4	
1	Lesson 10.3: Properties of Reflections	MG 3.4	
1	Lesson 10.4: Line Symmetry	MG 3.4 MG 3.0	
1	Lesson 10.5: Frieze Patterns (Optional)	MG 3.4	

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2	Lesson 10.6: Positive and Negative Numbers	NS 1.8	Number Line Worksheets Adding/Subtracting Integers Worksheet Integers – Adding Integers – Subtracting
1	Lesson 10.7: Assessment		
10	Unit 11: 3-D Shapes, Weight, Volume, and Capacity		
1	Lesson 11.1: Weight	Gr.3 MG 1.1	
1	Lesson 11.2: Geometric Solids	MG 3.0 MG 3.6	Volume of Prisms, Cylinders, and Cones
1	Lesson 11.3: Constructing Geometric Solids	MG 3.0 MG 3.6	
1	Lesson 11.4: A Volume Exploration	MG 3.6	
1	Lesson 11.5: A Formula for the Volume of Rectangular Prisms	MG 3.6	
3	Lesson 11.6: Subtraction of Positive and Negative Numbers	NS 1.8	Number Line Worksheets
1	Lesson 11.7: Capacity and Weight	Gr.3 MG 1.1	
1	Lesson 11.8: Progress Check 11		
7	Unit 12: Rates		
1	Lesson 12.1: Introducing Rates	SDAP 1.1	Rates, Ratios, and Proportions
1	Lesson 12.2: Solving Rate Problems	NS 3.3 NS 3.4	
1	Lesson 12.3: Converting between Rates	NS 3.3 NS 3.4	

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1	Lesson 12.4: Comparison Shopping: Part I	NS 3.3 NS 3.4	
1	Lesson 12.5: Comparison Shopping: Part 2	NS 3.4	
1	Lesson 12.6: World Tour and 50-Facts Test Wrap-Ups	NS 3.4	
1	Lesson 12.7: Progress Check #12		
1	Benchmark 3 Assessment		