

West Contra Costa Unified School District
Suggested Pacing Guide for Grade 3
Text: California Everyday Mathematics 2008

Time/ # of days	Topics: Content & Assessment	CA Content Standards	Resources
19	Unit 1: Routines, Review, & Assessment		Adding/Subtracting – Models Worksheet
1	Lesson 1.1: Numbers and Number Sequences	NS 1.1	Hundreds Chart
2	Lesson 1.2: Number Grids	NS 1.0, 1.1 AF 2.2	
1	Lesson 1.3: Introducing the <i>Student Reference Book</i>	MR 1.0 MR 1.1	
1	Lesson 1.4: Tools for Mathematics	NS 2.0 MG 1.1	
2	Lesson 1.5: Analyzing & Displaying Data	MR 2.3	
1	Lesson 1.6: Equivalent Names	AF 1.0 NS 1.0	
1	Lesson 1.7: The Language of Chance Events Lesson 1.7A: Introduction to Fractions	SDAP 1.1	Number Line Worksheets Fractions – Ordering & Intro Adding/Subtracting
2	Lesson 1.8: Finding Differences	NS 1.2, 2.0, 2.1	Subtracting Whole Numbers – Multiple Algorithms
1	Lesson 1.9: Calculator Routines (Optional)	NS 1.0, 1.3 NS 2.0	
2	Lesson 1.10: Money	NS 3.0, 3.3 AF 1.1	Multi-Step Word Problems
2	Lesson 1.11: Solving Problems with Dollars and Sense	NS 3.3 MR 2.5	
1	Lesson 1.12: Patterns	NS 2.1 AF 2.2 MR 1.1	
1	Lesson 1.13: The Length of the Day Project Telling Time and Calculating Elapsed Time	NS 2.0 MR 1.0	
1	Lesson 1.14: Progress Check 1		
19	Unit 2: Adding and Subtracting Whole Numbers		
2	Lesson 2.1: Fact Families	NS 2.1 AF 1.1	Fact Families
2	Lesson 2.2: Extensions of Addition and Subtraction Facts	NS 2.1	Adding/Subtracting – Models Worksheet

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2	Lesson 2.3: What's My Rule?	NS 2.1 AF 2.2	Adding/Subtracting – Models Worksheet
2	Lesson 2.4: Parts-and-Total Number Stories	NS 2.1 MR 2.3	Adding/Subtracting – Models Worksheet Searching for tens
1	Lesson 2.5: Change Number Stories	NS 2.1 AF 1.1	
2	Lesson 2.6: Comparison Number Stories	NS 2.1 MR 2.0	Multi-Step Word Problems
2	Lesson 2.7: The Partial-Sums Algorithm	NS 1.3, 2.1 MR 2.1	Adding/Subtracting – Models Worksheet Number Line Subtraction Adding Whole Numbers – Multiple Algorithms
3	Lesson 2.8: Subtraction Algorithm	NS 2.1 MR 2.1	Subtracting Whole Numbers – Multiple Algorithms
2	Lesson 2.9: Addition with Three or More Addends	NS 2.1 MR 2.0	Adding Whole Numbers – Multiple Algorithms
1	Lesson 2.10: Progress Check #2		
15	Unit 3: Linear Measures and Area		
1	Lesson 3.1: Class Shoe Unit of Length	MG 1.0 MG 1.1	
2	Lesson 3.2: Measuring with a Ruler (if possible, pre-cut rulers)	MG 1.0 MG 1.1	
2	Lesson 3.3: Standard Linear Measures	MG 1.1 MG 1.4	Everyday Math Masters (p.26)
2	Lesson 3.4: Perimeter	MG 1.3, 2.1 MG 2.2	Area and Perimeter – Decomposition
1	Lesson 3.5: Pattern-Block Toss Experiment	SDAP 1.1, 1.2, 1.3	
2	Lesson 3.6: Exploring Perimeter and Area		Area and Perimeter – Decomposition
2	Lesson 3.7: Area	MG 1.1 MG 1.2	Area and Perimeter – Decomposition
1	Lesson 3.8: Models for Area	NS 2.0 MG 1.1, 1.2	

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1	Lesson 3.9: Diameter and Circumference	MG 2.0	Circle Vocabulary Using Paper Plates
1	Lesson 3.10: Review and Assessment		
1	Benchmark 1 Assessment		
18	Unit 4: Multiplication and Division		Multiplication – One-Digit by Multi-Digit Multiplication Using the Distributive Property Multiplying Whole Numbers – Generic Rectangle
2	Lesson 4.1: Multiples of Equal Groups	NS 2.0, 2.4 AF 2.1	Multiplication Using the Distributive Property Properties of multiplication
2	Lesson 4.2: Multiplication Arrays	NS 2.2, AF 2.1, MR 2.3	
2	Lesson 4.3: Equal Shares and Equal Groups	NS 2.0, 2.3, NS 2.5	
2	Lesson 4.4: Division Ties to Multiplication	NS 2.0, 2.3, 2.5, AF 2.1	Division Algorithms
2	Lesson 4.5: Multiplication Fact Power and Shortcuts	NS 2.2, 2.6, AF 1.5	Multiplication Using the Distributive Property
2	Lesson 4.6: Multiplication and Division Fact Families	NG 2.3 AF 1.0, 1.5	
1	Lesson 4.7: <i>Baseball Multiplication</i>	NS 2.2	
2	Lesson 4.8: Exploring Arrays and Facts	NS 2.4 MR 1.1	
1	Lesson 4.9: Estimating Distances with a Map Scale	AF 1.0, 2.0 MG 1.1	
1	Lesson 4.10: A Coin-Toss Experiment	SDAP 1.1, 1.2, 1.3	Probability
1	Lesson 4.11: Progress Check (Assessment)		

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17	Unit 5: Place Value Whole Numbers and Decimals		
2	Lesson 5.1: Place Value – 10 Thousands	NS 1.3	Multiplying by Multiples of Ten
1	Lesson 5.2: Ordering Numbers	NS 1.1, 1.2	
1	Lesson 5.3: Place Value to Millions	NS 1.1, 1.3	
1	Lesson 5.4: The U.S. Census	NS 1.1, 1.2	
1	Lesson 5.5: Very Large Numbers	NS 1.4	
2	Lesson 5.6: Estimates and Polygons	NS 1.3, 2.1	
1	Lesson 5.7: Model Decimals Base-10	NS 3.4	Fractions — Equivalent, Ordering, Introduction to Addition/Subtraction
3	Lesson 5.8: Tenths and Hundredths	NS 3.0	Adding Whole Numbers and Decimals — Multiple Algorithms
1	Lesson 5.9: Tenths/ Hundredths of a Meter	NS 1.4	
1	Lesson 5.10: Application	NS 1.1, 1.4	
1	Lesson 5.11: Place Value Decimals	NS 3.0	
1	Lesson 5.12: Sunrise, Sunset, Line Graph	NS 2.0	
1	Lesson 5.13: Progress Check		
18	Unit 6: Geometry		
2	Lesson 6.1: Investigating Line Segments, Rays, and Lines	MG 2.0	Lines, rays, and segments
1	Lesson 6.2: Parallel and Intersecting Lines	MG 2.0, 2.1	
1	Lesson 6.3: Angles and Turns	MG 2.4	

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2	Lesson 6.4: Triangles	MG 2.2	Classifying Triangles Decomposing/ Recomposing Geometric Shapes
2	Lesson 6.5: Quadrangles	MG 2.3	Quadrilaterals
2	Lesson 6.6: Polygons	MG 2.1	
1	Lesson 6.7: Drawing Angles	MG 2.0	
1	Lesson 6.8: Measuring Angles	MG 1.0, 2.4	
1	Lesson 6.9: Symmetry	MG 2.0	
2	Lesson 6.10: Congruence and Decimals	NS 3.0 MG 2.0	
1	Lesson 6.11: Polyhedrons – Part I	MG 2.1, 2.5	
1	Lesson 6.12: Polyhedrons – Part II	MG 2.1, 2.5	
1	Lesson 6.13: Assessment		
1	Benchmark 2 Assessment		
14	Unit 7: Multiplication and Division		Multiplication – One-Digit by Multi-Digit Multiplication Using the Distributive Property Multiplying Whole Numbers – Generic Rectangle
1	Lesson 7.1: Patterns in Products	NS 2.3	Area Models for Multiplication Through the Grades
3	Lesson 7.2: Multiplication Facts? Survey	NS 2.2, 2.3	Multiplying Whole Numbers – Generic Rectangle
1	Lesson 7.3 Fact Power	NS 2.2, 2.3	

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2	Lesson 7.4: Number Models with Parentheses	AF 1.1, 1.2, 1.5	Solving Equations – Bar Models
1	Lesson 7.5: Scoring I Basketball: An application	AF 1.1, 1.2, 2.2	Distributive Property Solving Equations – Decomposition
2	Lesson 7.6: Extended Facts: Multiplication and division	NS 2.4, 2.5	Division Algorithms
2	Lesson 7.7: Estimating Costs	NS 1.1	Multi-Step Word Problems
1	Lesson 7.8: Extended Facts: Products of Tens	AF 1.1	
1	Lesson 7.9: Exploring Ratios and Geometric Figures	AF 2.2 MG 2.0	
1	Lesson 7.10: Progress Check 7		
16	Unit 8: Fractions		
2	Lesson 8.1: Naming Parts with Fractions	NS 3.0, 3.1	Fractions – Ordering & Intro Adding/Subtracting Fractions – Adding Fractions – Adding Using Pattern Blocks
1	Lesson 8.2: Blocks-in-a-Bag Experiment	SDAP 1.2, 1.3	Probability
2	Lesson 8.3: Exploring Fractions, Re-Forming Squares, and Combinations	NS 3.0 MG 2.0	Fractions – Adding Using Pattern Blocks
2	Lesson 8.4: Number-Line Posters for Fractions	NS 3.1	
2	Lesson 8.5: Equivalent Fractions	NS 3.1	Comparing and Ordering Fractions – Multiple Methods, Benchmark Fractions
2	Lesson 8.6: Comparing Fractions	NS 3.1	
2	Lesson 8.7: Fractions Greater than ONE	NS 3.1	
2	Lesson 8.8: Fractions in Number Stories	NS 3.0	Comparing and Ordering Fractions – Multiple Methods, Benchmark Fractions Bar Models -- Word Problems

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1	Lesson 8.9: Progress Check 8		
18	Unit 9: Multiplication and Division		
1	Lesson 9.1: Multiply & Divide with Multiples of 10, 100, and 1,000	NS 2.4	Multiplying Whole Numbers – Generic Rectangle Area Models for Multiplication Through the Grades Division Algorithms
1	Lesson 9.2: Using Mental Math to Multiply	NS 2.4	Multiplication – One-Digit by Multi-Digit Area Models for Multiplication Through the Grades
1	Lesson 9.3: Exploring Arrays, Areas, and Fractions	NS 2.4 MG 1.2	Area Models for Multiplication Through the Grades Multiplication – One-Digit by Multi-Digit Multiplication Using the Distributive Property Multiplying Whole Numbers – Generic Rectangle
2	Lesson 9.4: A Multiplication Algorithm	NS 2.4	Multi-Step Word Problems
2	Lesson 9.5: Buying at the Stock-Up Sale	NS 3.3	Least Common Multiple (LCM)
1	Lesson 9.6: Factors of a Whole Number	NS 2.2	Division Algorithms Solving Equations – Bar Models Solving Equations – Decomposition Multi-Step Word Problems Division Algorithms
2	Lesson 9.7: Sharing Money	NS 2.5	
1	Lesson 9.8: Broken-Calculator Division	NS 2.5	
1	Lesson 9.9: Lattice Multiplication	NS 2.4	Area Models for Multiplication Through the Grades
1	Lesson 9.10: Exploring Arrays, Equilateral Triangles, and Strength of Paper	NS 2.0 AF 2.2	
1	Lesson 9.11: Products of 2-Digit Numbers, Part 1	NS 2.0	Multiplication – One-Digit by Multi-Digit

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2	Lesson 9.12: Products of 2-Digit Numbers, Part 2	NS 2.0	Multiplication Using the Distributive Property Multiplying Whole Numbers – Generic Rectangle
1	Lesson 9.13: Positive and Negative Numbers	NS 1.2	Adding/Subtracting Integers Worksheet
1	Lesson 9.14: Progress Check 9		
12	Unit 10: Measurement and Data		
1	Lesson 10.1: Review: Length	MG 1.1, 1.4	
2	Lesson 10.2: Volume	MG 1.2	Volume of Prisms, Cylinders, and Cones
1	Lesson 10.3: Weight	MG 1.1	
1	Lesson 10.4: Exploring Weight and Volume	MG 1.2	
1	Lesson 10.5: Capacity	MG 1.1	
1	Lesson 10.6: The Mean and the Median	NS 2.0	
1	Lesson 10.7: Calculating the Mean	NS 2.0	
1	Lesson 10.8: Calculator memory	NS 2.1	
1	Lesson 10.9: Frequency Distributions	NS 2.0	
1	Lesson 10.10: Coordinate Grids	Gr.4 MG 2.0	
1	Lesson 10.11: Progress Check 10		
6	Unit 11: Probability; Year-Long Projects, Revisited		
1	Lesson 11.1: The Length-of-Day Project Revisited (Optional)	NS 2.0 MG 1.4	
1	Lesson 11.2: National High/Low Temperatures Summaries (Optional)	NS 2.0	
1	Lesson 11.3: Spinner Experiments	SDAP 1.2	
1	Lesson 11.4: Designing Spinners	SDAP 1.1	

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1	Lesson 11.5: Using Data to Predict Outcomes	SDAP 1.2, 1.4	
1	Lesson 11.6: Progress Check 11		
1	Benchmark 3 Assessment		