

West Contra Costa Unified School District
Suggested Pacing Guide for Grade 6
Text: California Everyday Mathematics 2008

Number of Days	Topics: Content & Assessments	CA Content Standards	Resources
21	Unit 2: Operations with Whole Numbers and Decimals		
2	Pre-Assessment		
1	Lesson 1-1: Introduction to the Student Reference Book	NS 2.0 AF 2.1 MG 1.0	
1	Lesson 2-1: Reading and Writing Large Numbers	MR 2.5	
2	Lesson 2-2: Reading and Writing Small Numbers	MR 2.5	
2	Lesson 2-3: Addition and Subtraction of Decimals	NS 2.0	Number Line Subtraction
2	Lesson 2-4: Multiplying by Powers of 10	NS 2.0	
1	Lesson 2-5: Multiplication of Decimals: Part 1	NS 2.0	
2	Lesson 2-6: Multiplication of Decimals: Part 2	NS 2.0	Area Models for Multiplication Through the Grades
2	Lesson 2-7: Division of Whole Numbers	NS 2.0	Division Algorithms
2	Lesson 2-8: Division of Decimals	NS 2.0	Dividing Decimals
4	Review and Assessment		
20	Unit 1: Collection, Display, and Interpretation of Data		
2	Lesson 1-2: Line Plots	SDAP 1.1	
2	Lesson 1-3: Stem-and-Leaf Plots	SDAP 1.1	
2	Lesson 1-4: Median and Mean (Emphasize Outliers)	SDAP 1.1, 1.4	Mean Part I Mean Part II
1	Lesson 1-5: Playing <i>Landmark Shark</i>	SDAP 1.1, 1.2	

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1	Lesson 1-6: Broken-Line Graphs	MR 2.4	Interpreting Data in Graphs
1	Lesson 1-7: Bar Graphs	MR 2.4	
2	Lesson 1-9: The Percent Circle and Circle Graphs	NS 1.0	
1	Lesson 1-10: Using a Graph to Investigate Perimeter and Area	MG 1.0	
2	Lesson 1-11: Persuasive Data and Graphs	SDAP 2.3, 2.5	Interpreting Graphs – Real Life Functions
2	Lesson 1-12: Sampling	SDAP 2.3, 2.5	
4	Review and Assessment		
20	Unit 3: Variables, Formulas, and Graphs		
2	Lesson 3-1: Using Variables to Describe Number Patterns	AF 1.0	
2	Lesson 3-2: General Patterns (Two Variables)	AF 1.3	
2	Lesson 3-3: Algebraic Expressions	AF 1.2	
3	Lesson 3-4: Formulas	AF 1.2, 3.0	
2	Lesson 3-5: Formulas, Tables, and Graphs: Part 1	AF 2.2	
1	Lesson 3-6: A Science Experiment	AF 2.0	
2	Lesson 3-9: Reading and Drawing Graphs	MR 2.4	
2	Lesson 3-10: Formulas, Tables, and Graphs: Part 2	AF 2.0, 2.2	
4	Review and Assessment		
1	Benchmark 1 Assessment		

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23	Unit 4: Rational Number Uses and Operations		
2	Lesson 4-1: Equivalent Fractions	NS 2.4	Fractions – Simplifying
2	Lesson 4-2: Comparing Fractions	NS 1.1	Comparing and Ordering Fractions – Multiple Methods, Benchmark Fractions Comparing and ordering fractions – benchmark fractions
3	Lesson 4-3: Adding and Subtracting Fractions (Teach “Bubble Method”)	NS 2.1	Fractions – Adding Adding and Subtracting Fractions by Clearing the Denominators
1	Lesson 4-4: Adding and Subtracting Mixed Numbers with Like Denominators	NS 2.0, 2.1	Converting – improper fractions and mixed numbers
3	Lesson 4-5: Adding and Subtracting Mixed Numbers with Unlike Denominators	NS 2.1	Adding Mixed Numbers Subtracting Mixed Numbers
1	Lesson 4-6: Fraction Multiplication	NS 2.1	Fractions – Multiplying
2	Lesson 4-7: Multiplication of Mixed Numbers	NS 2.1	
2	Lesson 4-8: Fractions, Decimals, and Percents	NS 1.0, 1.4	Bar Models – Percents and Fractions Fractions, Decimals, and Percents
1	Lesson 4-9: More Difficult Conversions	NS 1.0	
2	Lesson 4-11: Percent of a Number	NS 1.4	
4	Review and Assessment		
13	Unit 5: Geometry: Congruence, Constructions, and Parallel Lines		
2	Lesson 5-1: Measuring and Drawing Angles	MG 2.0	Geometry Investigations

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1	Lesson 5-2: Reasoning with Angle Measures	MG 2.1, 2.2	
2	Lesson 5-3: Using a Protractor to Make Circle Graphs	MR 2.4	Bar Models - Sales Price, Markup, and Discount Percent Word Problems
1	Lesson 5-6: Congruent Figures	MG 2.0	Congruent and Similar Polygons
2	Lesson 5-9: Parallel Lines and Angle Relationships	MG 2.2	
2	Lesson 5-10: Parallelograms	MG 2.2	
3	Review and Assessment		
22	Unit 6: Number Systems and Algebra Concepts		
2	Lesson 6-1: Multiplication of Fractions and Mixed Numbers	NS 2.1	
3	Lesson 6-2: Division of Fractions and Mixed Numbers	NS 2.2	Dividing by Decomposing Fractions
4	Lesson 6-3: Review: Addition and Subtraction of Positive and Negative Numbers	NS 1.1, 2.3	Integer Operations Adding/Subtracting – Models Worksheet Adding/Subtracting Integers Worksheet Integers – Adding Integers – Subtracting Integer Operations
1	Lesson 6-4: Multiplication and Division of Positive and Negative Numbers	NS 2.3	
1	Lesson 6-5: The Properties of Number Systems	NS 1.1	
2	Lesson 6-6: Order of Operations	AF 1.3, 1.4	Order of Operations
1	Lesson 6-7: Review: Number Sentences	AF 1.3, 1.4	

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Number of Days	Topics: Content & Assessments	CA Content Standards	Resources
2	Lesson 6-8: Solving Simple Equations	AF 1.0, 1.1	Solving equations - multiple methods Solving equations with two column proofs Bar Models -- Word Problems
2	Algebra Election Game		
4	Review and Assessment		
1	Benchmark 2 Assessment		
14	Unit 7: Probability and Discrete Mathematics		
2	Lesson 7-1: Probabilities When Outcomes Are Equally Likely	SDAP 3.0, 3.3	Probability
1	Lesson 7-2: Generating Random Numbers	SDAP 3.0, 3.3	
2	Lesson 7-3: A Random-Number Simulation	SDAP 3.1, 3.3	
2	Lesson 7-4: Tree Diagrams	SDAP 3.1	
2	Lesson 7-5: Using Tree Diagrams to Calculate Probabilities	SDAP 3.1, 3.4	
1	Lesson 7-6: Venn Diagrams	MR 1.1, 2.4	Real Numbers – Number Line, Venn Diagram
4	Review and Assessment		
20	Unit 8: Rates and Ratios		
2	Lesson 8-1: Rates, Rate Tables, and Unit Rates	NS 1.3 AF 2.2	Rates, Ratios, and Proportions Bar Models - Rate, Percent, Equations Distance = Rate X Time: Focus on Student Talk

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2	Lesson 8-2: Solving Rate Problems with Proportions	NS 1.3 AF 2.3	Proportions
1	Lesson 8-3: Solving Proportions by Cross Multiplication	NS 1.3	
1	Lesson 8-4: Calorie Use (Optional)	NS 1.3 AF 2.2	
1	Lesson 8-5: Using Nutrition Information	NS 1.4 AF 2.3	
1	Lesson 8-6: Ratios	NS 1.2	
2	Lesson 8-7: Using Proportions to Solve Percent Problems	NS 1.3	
2	Lesson 8-8: Calculating the Fat Content of Foods	NS 1.0, 1.4	
1	Lesson 8-9: Using Ratios to Describe Size Changes	NS 1.2	
1	Lesson 8-10: Similar Polygons	NS 1.3 MG 2.0	Congruent and Similar Polygons
2	Lesson 8-11: Comparing Ratios	NS 1.2	
4	Review and Assessment		
17	Unit 9: More about Variables, Formulas, and Graphs		
2	Lesson 9-1: Area Models for the Distributive Property	AF 1.3, 3.0	
2	Lesson 9-2: The Distributive Property	AF 1.3	
1	Lesson 9-3: Simplifying Expressions: Combining Like Terms	AF 1.2	
2	Lesson 9-4: Simplifying Expressions: Removing Parentheses	AF 1.2, 1.3	

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1	Lesson 9-5: Simplifying and Solving Equations	AF 1.0, 1.3	Solving equations - multiple methods Solving equations with two column proofs Solving equations – using balance scale, decomposition, and graphing
1	Lesson 9-8: Area Formulas with Applications	AF 3.1, 3.2 MG 1.1	
2	Lesson 9-9: Volume Formulas with Applications	MG 1.0, 1.3	Volume of Prisms, Cylinders, and Cones
1	Lesson 9-11: Formula Equations	AF 3.0, 3.2 MG 1.3	
2	Lesson 9-13: Indirect Measurement Problems	NS 1.3	
4	Review and Assessment		
1	Benchmark 3 Assessment		
	Preparation for Grade 7		
1	Lesson 6-9: Review: Pan-Balance Problems	AF 1.1	Solving equations – using balance scale, decomposition, and graphing
1	Lesson 6-10: Pan-Balance Equations	AF 1.0	
1	Lesson 6-11: The Equivalent-Equations Method	AF 1.0, 1.1	
1	Lesson 6-12: Inequalities	AF 1.0	