

Castro Valley Unified School District 2009-10 Suggested Pacing Guide for Grade 2

Text: Harcourt California HSP Math (2007 Adoption)

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 3: Data, Graphs, and Money Chapter 9: Data and Graphs	
1	Lesson 9.1 – Picture Graphs Lesson 9.6 – Pictographs	AF 1.3 SDAP 1.4
1	Lesson 9.2 – Take a Survey on a Tally Chart Lesson 9.7 – Range and Mode	SDAP 1.0 SDAP 1.3
1	Lesson 9.3 – Read a Bar Graph Lesson 9.4 – Make a Bar Graph	SDAP 1.0
1	Lesson 9.5 – Problem Solving Workshop Strategy: Make a Bar Graph	SDAP 1.0

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 1: Numbers and Operations Chapter 1: Addition Facts and Strategies	
1	Lesson 1.1 – Understand Addition Lesson 1.2 – Count On	AF 1.2 NS 2.2
1	Lesson 1.3 – Doubles and Doubles Plus One	NS 2.2
1	Lesson 1.5 – Practice the Facts	AF 1.1
1	Lesson 1.6 – Follow the Rule	NS 2.2
1	Lesson 1.7 – Add 3 Numbers	AF 1.1
1	Chapter Review/Test and Assessments	

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 1: Numbers and Operations Chapter 2: Subtraction Facts and Strategies	
1	Lesson 2.1 – Understand Subtraction Lesson 2.2 – Count Back	NS 2.2
1	Lesson 2.3 – Fact Families	NS 2.1
1	Lesson 2.4 – Think Addition to Subtract	NS 2.1
1	Lesson 2.5 – Missing Addends	NS 2.1
1	Lesson 2.6 – Problem Solving Workshop Skill: Choose the Operation	AF 1.2

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 1: Numbers and Operations Chapter 3: Place Value to 100	
1	Lesson 3.1 – Tens Lesson 3.2 – Hands On: Tens and Ones	NS 1.2
1	Lesson 3.3 – Understand Place Value Lesson 3.4 – Expanded Form	NS 1.1 NS 1.2
1	Lesson 3.5 – Read and Write Numbers to 100	NS 1.1
1	Lesson 3.6 – Hands On: Different Ways to Show Numbers	NS 1.2

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 1: Numbers and Operations Chapter 4: Number Concepts and Patterns	
1	Lesson 4.1 – Compare Numbers: $>$, $<$, or $=$	NS 1.3
1	Lesson 4.2 – Order Numbers	NS 1.3
1	Lesson 4.3 – Hands On: Even and Odd Numbers Lesson 4.4 – Patterns on a Hundred Chart	SDAP 2.0 SDAP 2.2
1	Lesson 4.5 – Skip-Count on a Number Line	SDAP 2.2
1	Lesson 4.6 – Problem Solving Workshop Strategy: Find a Pattern	SDAP 2.2
1	Lesson 4.7 – Number Patterns	SDAP 2.0
1	Chapter Review/Test and Assessments	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 2: 2-Digit Addition and Subtraction Chapter 5: Explore 2-Digit Addition	
1	Lesson 5.2 – Hands On: Regrouping for Addition	NS 2.2
1	Lesson 5.3 – Hands On: Model 2-Digit Addition	NS 2.2
1	Lesson 5.4 – Problem Solving Workshop Strategy: Make a Model	AF 1.0
1	Lesson 5.5 – Hands On: Model and Record 2-Digit Addition	NS 2.2
1	Lesson 5.6 – Hands On: 2-Digit Addition	NS 2.2

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 2: 2-Digit Addition and Subtraction Chapter 6: 2-Digit Addition	
1	Lesson 6.1 – Add 2-Digit Numbers	NS 2.2
1	Lesson 6.2 – Practice 2-Digit Addition	NS 2.2
1	Lesson 6.3 – Rewrite 2-Digit Addition	NS 2.2
1	Lesson 6.5 – More 2-Digit Addition	NS 2.2
1	Lesson 6.6 – Problem Solving Workshop Skill: Use a Table	NS 2.0
1	Chapter Review/Test and Assessments	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 2: 2-Digit Addition and Subtraction Chapter 7: Explore 2-Digit Subtraction	
1	Lesson 7.1 – Mental Math: Subtract Multiples of 10 Lesson 7.2 – Hands On: Regrouping for Subtraction	NS 2.3 NS 2.2
1	Lesson 7.3 – Hands On: Model 2-Digit Subtraction	NS 2.2
1	Lesson 7.4 – Problem Solving Workshop Strategy: Make a Model	AF 1.0
1	Lesson 7.5 – Hands On: Model and Record 2-Digit Subtraction	NS 2.2
1	Lesson 7.6 – Hands On: Subtract 2-Digit Numbers	NS 2.2

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 2: 2-Digit Addition and Subtraction Chapter 8: 2-Digit Subtraction	
1	Lesson 8.1 – Hands On: 2-Digit Subtraction	NS 2.2
1	Lesson 8.2 – Practice 2-Digit Subtraction	NS 2.2
1	Lesson 8.3 – Rewrite 2-Digit Subtraction	NS 2.2
1	Lesson 8.4 – More 2-Digit Subtraction	NS 2.2
1	Lesson 8.5 – Use Addition to Check Subtraction	NS 2.1
1	Lesson 8.7 – Problem Solving Workshop Skill: Use a Table	AF 1.3
1	Lesson 8.9 – Mixed Practice	NS 2.2
1	Chapter Review/Test and Assessments	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 6: Multiplication, Division, Measurement, and Time Chapter 22: Length	
1	Lesson 22.1 – Hands On: Measure Length with Nonstandard Units Lesson 22.2 – Hands On: Compare Nonstandard Units	MG 1.1 MG 1.2
1	Lesson 22.3 – Hands On: Measure to the Nearest Inch Lesson 22.6 – Hands On: Measure to Nearest Centimeter	MG 1.3
1	Lesson 22.4 – Problem Solving Workshop Skill: Make Reasonable Estimates Lesson 22.5 – Hands On: Measure Inches and Feet	NS 6.1 MG 1.2
1	Trimester Test	

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 6: Multiplication, Division, Measurement, and Time Chapter 24: Time	
	Lesson 24.2 – Time to 15 Minutes Lesson 24.3 – Hands On: Time to 5 Minutes	MG 1.4
	Lesson 24.4 – Time Before the Hour Lesson 24.5 – A.M. and P.M.	MG 1.4
	Lesson 24.6 – Hands On: Elapsed Time	MG 1.5
	Lesson 24.7 – Problem Solving Workshop Skill: Use a Table	MG 1.5
	Lesson 24.8 – Days, Weeks, Months, and Years	MG 1.4
	Chapter Review/Test and Assessments	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 3: Data, Graphs, and Money Chapter 10: Count Money	
	Lesson 10.1 – Dimes, Nickels, and Pennies Lesson 10.2 – Half Dollars and Quarters	NS 5.2
	Lesson 10.3 – Count Collections	NS 5.2
	Lesson 10.4 – Hands On: Make the Same Amounts	NS 5.2
	Lesson 10.5 – Problem Solving Workshop Strategy: Make a List	NS 5.1

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 3: Data, Graphs, and Money Chapter 11: Use Money	
1	Lesson 11.1 – Compare Amounts	NS 5.0
1	Lesson 11.2 – Problem Solving Workshop Strategy: Act It Out	NS 5.0
1	Lesson 11.3 – Add and Subtract Money Lesson 11.4 – Problem Solving Strategy: Predict and Test	NS 5.0
1	Lesson 11.5 – One Dollar	NS 5.0
1	Lesson 11.6 – Make Change to \$1.00	NS 5.0
1	Chapter Review/Test and Assessments	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 5: Greater Numbers And 3-Digit Addition & Subtraction Chapter 16: Place Value to 1,000	
1	Lesson 16.2 – Hands On: Hundreds, Tens, and Ones	NS 1.2
1	Lesson 16.3 – Understand Place Value	NS 1.1
1	Lesson 16.4 – Read and Write 3-Digit Numbers	NS 1.2
1	Lesson 16.7 – Count Bills and Coins	NS 5.2

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 5: Greater Numbers And 3-Digit Addition & Subtraction Chapter 17: Compare and Order Greater Numbers	
1	Lesson 17.1 – Compare Numbers $>$, $<$, or $=$	NS 1.3
1	Lesson 17.2 – Use Place Value to Compare Numbers Lesson 17.5 – Problem Solving Workshop Skill: Use a Table	NS 1.3
1	Lesson 17.3 – Compare Money Amounts	NS 5.1
1	Lesson 17.4 - Order Numbers	NS 1.3

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 5: Greater Numbers And 3-Digit Addition & Subtraction Chapter 18: 3-Digit Addition	
1	Lesson 18.1 – Mental Math: Add On Multiples of 100	NS 2.2
1	Lesson 18.2 – Hands On: Model 3-Digit Addition: Regroup Ones	NS 2.2
1	Lesson 18.3 – Hands On: Model 3-Digit Addition: Regroup Tens	NS 2.2
1	Lesson 18.4 – Practice 3-Digit Addition	NS 2.2
1	Lesson 18.6 – Problem Solving Workshop Skill: Too Much Information	NS 2.0

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 5: Greater Numbers And 3-Digit Addition & Subtraction Chapter 19: 3-Digit Subtraction	
1	Lesson 19.1 – Mental Math: Subtract Multiples of 100	NS 2.2
1	Lesson 19.2 – Hands On: Model 3-Digit Subtraction: Regroup Tens	NS 2.2
1	Lesson 19.3 – Hands On: Model 3-Digit Subtraction: Regroup Hundreds	NS 2.2
1	Lesson 19.4 – Practice 3-Digit Subtraction	NS 2.2
1	Lesson 19.5 – Add and Subtract Money	NS 5.0
1	Chapter Review/Test and Assessments	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 4: Geometry and Fractions Chapter 12: Solid Figures	
1	Lesson 12.1 – Identify Solid Figures	MG 2.0
1	Lesson 12.2 – Hands On: Sort Solid Figures	MG 2.0
1	Lesson 12.3 – Hands On: Attributes of Solid Figures	MG 2.1
1	Lesson 12.4 – Hands On: Make Plane Figures from Solid Figures	MG 2.0

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 4: Geometry and Fractions Chapter 13: Plane Figures and Spatial Sense	
1	Lesson 13.1 – Identify Plane Figures Lesson 13.2 – Sort Plane Figures	MG 2.0 MG 2.1
1	Lesson 13.3 – Hands On: Combine Plane Figures	MG 2.2
1	Lesson 13.4 – Hands On: Separate Plane Figures	MG 2.2
1	Lesson 13.5 – Problem Solving Workshop Strategy: Use Logical Reasoning	MG 2.1
1	Lesson 13.6 – Congruent Figures	MG 2.0
1	Trimester 2 Test	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 4: Geometry and Fractions Chapter 14: Parts of a Whole	
	Lesson 14.1 – Equal Parts Lesson 14.2 – Unit Fractions	NS 4.0 NS 4.1
	Lesson 14.3 – Hands On: Compare Unit Fractions Lesson 14.4 – Problem Solving Strategy: Make a Model	NS 4.1
	Lesson 14.5 – Other Fractions	NS 4.2
	Lesson 14.6 – Fractions Equal to 1	NS 4.3
	Lesson 14.7 – Fractions Greater Than 1	NS 4.0

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 4: Geometry and Fractions Chapter 15: Parts of a Group	
	Lesson 15.1 – Equal Parts of a Group	NS 4.0
	Lesson 15.2 – Unit Fractions of a Group	NS 4.2
	Lesson 15.3 – Other Fractions of a Group	NS 4.2
	Lesson 15.4 – Problem Solving Workshop Strategy: Make a Model	NS 4.2

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 6: Multiplication, Division, Measurement, and Time Chapter 20: Multiplication Concepts and Facts	
	Lesson 20.1 – Skip-Count Equal Groups	NS 3.1
	Lesson 20.2 – Hands On: Connect Addition to Multiplication	NS 3.1
	Lesson 20.3 – Hands On: Model with Arrays Lesson 20.4 – Multiply in Any Order	NS 3.1
	Lesson 20.5 – Problem Solving Workshop Strategy: Write a Number Sentence	NS 3.0
	Lesson 20.6 – Multiply with 2	NS 3.3
	Lesson 20.7 – Multiply with 5 Lesson 20.8 – Multiply with 10	NS 3.3
	Lesson 20.9 – Use a Multiplication Table	NS 3.3

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 6: Multiplication, Division, Measurement, and Time Chapter 21: Division Concepts	
1	Lesson 21.1 – Hands On: Size of Shares	NS 3.2
1	Lesson 21.2 – Hands On: Number of Equal Shares	NS 3.2
1	Lesson 21.3 – Hands On: Equal Shares with Remainders	NS 3.2
1	Lesson 21.4 – Connect Subtraction to Division	NS 3.2
1	Lesson 21.5 – Problem Solving Workshop Strategy: Write a Number Sentence	NS 3.0
1	Chapter Review/Test	
1	Assessments	

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
	Unit 6: Multiplication, Division, Measurement, and Time Chapter 23: Weight, Mass, and Capacity	
1	Lesson 23.1 – Hands On: Ounces and Pounds	MG 1.0
1	Lesson 23.2 – Hands On: Grams and Kilograms	MG 1.0
1	Lesson 23.3 – Hands On: Cups, Pints, Quarts, and Gallons	MG 1.0
1	Lesson 23.4 – Hands On: Liters	MG 1.0
1	Lesson 23.5 – Problem Solving Workshop Skill: Make Reasonable Estimates	NS 6.1
1	Trimester 3 Test	