

**Alameda Unified School District (AUSD) 2009-10
Suggested Pacing Guide for Grade 2
Text: Houghton-Mifflin California Math (2007 Adoption)**

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
Trimester 1		
6	Unit 1: Addition, Subtraction, and Data Chapter 1: Addition and Subtraction	
1	Pretest/ Unit Story Lesson 1.1: Hands On: Make 10 to Add	NS 2.2
1	Lesson 1.2: Add Three Numbers	AF 1.1
1	Lesson 1.3: Hands On: Fact Families	NS 2.1, NS 2.2
1	Lesson 1.4: Missing Addends	NS 2.1, NS 2.2
1	Lesson 1.5: Problem Solving Strategy: Write a Number Sentence	NS 2.2
1	Chapter 1 Review and Assessment	
7	Unit 1: Addition, Subtraction, and Data Chapter 2: Data and Graphs	
1	Lesson 2.1: Hands On: Make a Tally	SDAP 1.0, SDAP 1.1
1	Lesson 2.2: Compare Data in Tables	SDAP 1.0
1	Lesson 2.3: Read a Picture Graph	SDAP 1.0
1	Lesson 2.4: Read and Make a Bar Graph	SDAP 1.0
1	Lesson 2.5: Range and Mode	SDAP 1.0
1	Lesson 2.6: Problem Solving Plan: Use a Graph	SDAP 1.0
1	Chapter 2 (or Unit) Review and Assessment	

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Suggested Pacing Guide for Grade 2
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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
6	Unit 2: Numbers and Patterns to 200 Chapter 3: Place Value	
1	Unit Story Lesson 3.1: Hands On: Place Value to 200	NS 1.1
1	Lesson 3.2: Expanded Form	NS 1.1
1	Lesson 3.3: Hands On: Regroup Tens and Ones	NS 1.1
1	Lesson 3.4: Different Ways to Show Numbers	NS 1.1
1	Lesson 3.5: Problem Solving Strategy: Find a Pattern	SDAP 2.0
1	Chapter 3 Review and Assessment	
6	Unit 2: Numbers and Pattern to 200 Chapter 4: Compare and Order Numbers to 200	
1	Lesson 4.1: Hands On: Compare Numbers to 200	NS 1.3, NS 1.1
1	Lesson 4.2: Compare Numbers to 200	NS 1.3, NS 1.1
1	Lesson 4.3: Order Numbers to 200	NS 1.1, NS 1.3
1	Lesson 4.4: Round to the Nearest Ten	NS 1.1
1	Lesson 4.5: Problem Solving: Reasonable Answers	NS 1.1
1	Chapter 4 Review and Assessment	
6	Unit 2: Numbers and Patterns to 200 Chapter 5: Number Patterns	
1	Lesson 5.1: Hands On: Count by 2s	SDAP 2.0, NS 3.3

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1	Lesson 5.2: Count by 5s	SDAP 2.0
1	Lesson 5.3: Count by 10s	SDAP 2.0
1	Lesson 5.4: Even and Odd Numbers	SDAP 2.0
1	Lesson 5.5: Problem Solving: Create and Solve	SDAP 2.0
1	Chapter 5 (or Unit) Review and Assessment	
6	Unit 3: Money Chapter 6: Coins	
1	Unit Story Lesson 6.1: Hands On: Identify Coins	NS 5.2
1	Lesson 6.2: Hands On: Count Coins	NS 5.2, NS 5.1
1	Lesson 6.3: Hands On: Equal Amounts	NS 5.1, NS 5.2
1	Lesson 6.4: Compare Money Amounts	NS 1.3, NS 5.1, NS 5.2
1	Lesson 6.5: Problem Solving Strategy: Make a List	NS 5.1
1	Chapter 6 Review and Assessment	
7	Unit 3: Money Chapter 7: Dollar and Coins	
1	Lesson 7.1: Hands On: Use Coins to Show an Amount	NS 5.1, NS 5.2
1	Lesson 7.2: Use Money	NS 5.1, NS 5.2
1	Lesson 7.3: One Dollar	NS 5.2, NS 5.1

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1	Lesson 7.4: Make Change	NS 5.1, NS 5.2
1	Lesson 7.5: Problem Solving Strategy: Act It Out	NS 5.1, NS 1.3
1	Chapter 7 (or Unit) Review and Assessment	
7	Unit 4: Add Two Digit Numbers Chapter 8: Explore Adding Tens and Ones	
1	Unit Story Lesson 8.1: Hands On: Add Tens	NS 2.2
1	Lesson 8.2: Add Tens and Ones	NS 2.2
2	Lesson 8.3: Hands On: Model Adding 2-Digit Numbers	NS 2.2
1	Lesson 8.4: Hands On: Add 2-Digit Numbers in Different Ways	NS 2.2
1	Lesson 8.5: Problem Solving Plan: Too Much Information	NS 2.2
1	Chapter 8 Review and Assessment	
6	Unit 4: Add Two Digit Numbers Chapter 9: Use Place Value to Add 2-Digit Numbers	
1	Lesson 9.1: Hands On: Add Using a Hundred Chart	NS 2.2
1	Lesson 9.2: Add Using Place-Value Chart	NS 2.2, NS 2.1
1	Lesson 9.3: Practice Regrouping 10-14	NS 2.2
1	Lesson 9.4: Practice Regrouping 15-18	NS 2.2, SDAP 2.0
1	Lesson 9.5: Problem Solving Strategy: Guess and Check	NS 2.2

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1	Chapter 9 Review and Assessment	
6	Unit 4: Add Two Digit Numbers Chapter 10: More Addition	
1	Lesson 10.1: Hands On: Different Ways to Add	NS 2.2
1	Lesson 10.2: Estimate Sums	NS 2.0
1	Lesson 10.3: Line Up Digits to Add	NS 1.1, NS 2.2
1	Lesson 10.4: Add Money	NS 2.2, NS 5.2
1	Lesson 10.5: Add Three 2-Digit Numbers Lesson 10.6: Problem Solving Plan: Comparison Problems	AF 1.1, NS 2.2
1	Chapter 10 (or Unit) Review and Assessment	
1	Trimester 1 Assessment	
	Trimester 2	
5	Unit 5: Subtract 2-Digit Numbers Chapter 11: Explore Subtracting Tens and Ones	
1	Unit Story Lesson 11.1: Hands On: Subtract Tens	NS 2.2
1	Lesson 11.2: Hands On: Subtract 2-Digit Numbers	NS 2.2
1	Lesson 11.3: Hands On: Subtract 2-Digit Numbers with Regrouping	NS 2.2
1	Lesson 11.4: Problem Solving Strategy: Make a Table	NS 2.2
1	Chapter 11 Review and Assessment	

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7	Unit 5: Subtract 2-Digit Numbers Chapter 12: Use Place Value to Subtract	
1	Lesson 12.1: Hands On: Subtract Using a Hundreds Chart	NS 2.2
1	Lesson 12.2: Hands On: Subtract Using a Place Value Chart	NS 2.2
1	Lesson 12.3: Practice Regrouping with 10 to 14	NS 2.2, SDAP 1.0
1	Lesson 12.4: Practice Regrouping with 15 to 18	NS 2.2
1	Lesson 12.5: Problem Solving Plan: Reasonable Answers	NS 2.2
1	Chapter 12 Review and Assessment	
8	Unit 5: Subtract 2-Digit Numbers Chapter 13: Relate 2-Digit Addition and Subtraction	
1	Lesson 13.1: Hands On: Different Ways to Subtract	NS 2.2
1	Lesson 13.2: Estimate Differences	NS 6.0
1	Lesson 13.3: Line Up Digits to Subtract	NS 2.2
1	Lesson 13.4: Add and Subtract Money	NS 2.2, NS 5.1, NS 5.2
1	Lesson 13.5: Check Subtraction	NS 2.1, NS 2.2
1	Lesson 13.6: Problem Solving: Create and Solve	NS 2.2
1	Chapter 13 (or Unit) Review and Assessment	

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Suggested Pacing Guide for Grade 2
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6	Unit 6: Geometry and Fractions Chapter 14: Shapes	
1	Pretest Unit Story Lesson 14.1: Hands On: Sort Shapes	MG 2.1
1	Lesson 14.2: Plane Shapes	MG 2.1
1	Lesson 14.3: Compare Plane Shapes	MG 2.1
1	Lesson 14.4: Hands On: Combine and Separate Shapes	MS 2.2
1	Lesson 14.5: Problem Solving Strategy: Use Models: Make New Shapes	MG 2.2
1	Chapter 14 Review and Assessment	
6	Unit 6: Geometry and Fractions Chapter 15: More About Shapes	
1	Lesson 15.1: Hands On: Solid Shapes	MG 2.0
1	Lesson 15.2: Hands On: Faces, Edges, and Vertices	MG 2.1
1	Lesson 15.3: Hands On: Identify Faces	MD 2.1
1	Lesson 15.4: Compare Plane and Solid Shapes	MG 2.1
1	Lesson 15.5: Problem Solving Plan: Geometric Patterns	SDAP 2.0
1	Chapter 15 Review and Assessment	
6	Unit 6: Geometry and Fractions Chapter 16: Fractions	
1	Lesson 16.1: Hands On: Halves and Fourths	NS 4.1, NS 4.2
1	Lesson 16.2: Unit Fractions	NS 4.1, NS 4.2

**Alameda Unified School District (AUSD) 2009-10
Suggested Pacing Guide for Grade 2
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1	Lesson 16.3: More About Fractions	NS 4.1, NS 4.2, NS 4.3
1	Lesson 16.4: Wholes and Parts	NS 4.2, NS 4.3
1	Lesson 16.5: Problem Solving Plan: Use a Picture	NS 4.1, NS 4.2
1	Chapter 16 Review and Assessment	
5	Unit 6: Geometry and Fractions Chapter 17: More About Fractions	
1	Lesson 17.1: Hands On: Compare Fractions	NS 4.1
1	Lesson 17.2: Hands On: Fractions of a Group	NS 4.2
1	Lesson 17.3: Fractional Parts of a Group	NS 4.2
1	Lesson 17.4: Problem Solving Strategy: Draw a Picture	NS 4.2
1	Chapter 17 (or Unit) Review and Assessment	
6	Unit 7: Measurement Chapter 18 Length	
1	Pretest Unit Story Lesson 18.1: Hands On: Nonstandard units	MG 1.1
1	Lesson 18.2: Hands On: Compare Nonstandard Units	MG 1.2
1	Lesson 18.3: Hands On: Inches	MG 1.3
1	Lesson 18.4: Hands On: Centimeters	MG 1.3
1	Lesson 18.5: Problem Solving Plan: Use Measurement	MG 1.3
1	Chapter 18 Review and Assessment	

**Alameda Unified School District (AUSD) 2009-10
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7	Unit 7: Measurement Chapter 19: Time and Calendar	
1	Lesson 19.1: Hands On: Make a Clock and Show Time to the Hour	MG 1.4
1	Lesson 19.2: Time Before and After the Hour	MG 1.4
1	Lesson 19.3: Time to 15 Minutes	MG 1.4
1	Lesson 19.4: Elapsed Time	MG 1.5
1	Lesson 19.5: Calendar	MG 1.4
1	Lesson 19.6: Problem Solving Plan: Use a Table/ Create & Solve	MG 1.5
1	Chapter 19 (or Unit) Review and Assessment	
1	Trimester 2 Assessment	
	Trimester 3	
6	Unit 8: Multiplication and Division Chapter 20: Multiplication	
1	Pretest Unit Story Lesson 20.1: Hands On: Equal Groups	NS 3.1
1	Lesson 20.2: Arrays	NS 3.0, NS 3.1
1	Lesson 20.3: Hands On: Skip Counting to Multiply	NS 3.0, NS 3.1
1	Lesson 20.4: Use Tables to Multiply	NS 3.1
1	Lesson 20.5: Problem Solving	NS 3.0, NS 3.1
1	Chapter 20 Review and Assessment	

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6	Unit 8: Multiplication and Division Chapter 21: Multiply by 2, 5, or 10	
1	Lesson 21.1: Hands On: Multiply in Any Order	AF 1.1, NS 3.1
1	Lesson 21.2: Multiply by 2	NS 3.1, NS 3.3
1	Lesson 21.3: Multiply by 5	NS 3.1, NS 3.3
1	Lesson 21.4: Multiply by 10	NS 3.1, NS 3.3
1	Lesson 21.5: Problem Solving Plan: Write a Number Sentence	NS 3.0, NS 3.3
1	Chapter 21 Review and Assessment	
6	Unit 8: Multiplication and Division Chapter 22: Division	
1	Lesson 22.1: Hands On: Equal Groups	NS 3.0, NS 3.2
1	Lesson 22.2: Equal Groups	NS 3.0, NS 3.2
1	Lesson 22.3: Repeated Subtraction	NS 3.0, NS 3.2
1	Lesson 22.4: Equal Groups with Remainders	NS 3.0, NS 3.2
1	Lesson 22.5: Problem Solving Plan: Choose a Method	NS 3.0, NS 3.2
1	Chapter 22 (or Unit) Review and Assessment	
6	Unit 9: Numbers and Patterns to 1,000 Chapter 23: Numbers to 1,000	
1	Pretest Unit Story Lesson 23.1: Hands On: Count by 100's	NS 1.1
1	Lesson 23.2: Hands On: Hundreds, Tens, Ones	NS 1.1

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1	Lesson 23.3: Numbers Through 1,000	NS 1.1
1	Lesson 23.4: Identify Place Value	NS 1.1
1	Lesson 23.5: Problem Solving Strategy: Make a Table	SDAP 2.0
1	Chapter 23 Review and Assessment	
7	Unit 9: Numbers and Patterns to 1,000 Chapter 24: Use Numbers to 1,000	
1	Lesson 24.1: Hands On: Regroup Tens as Hundreds	NS 1.1
1	Lesson 24.2: Compare 3-Digit Numbers	NS 1.3
1	Lesson 24.3: Hands On: Before, After, Between	NS 1.3
1	Lesson 24.4: Order 3-Digit Numbers	NS 1.3
1	Lesson 24.5: Count Dollars and Cents	NS 5.1, NS 5.2
1	Lesson 24.6: Problem Solving Plan: Comparison Problems	NS 5.0
1	Chapter 24 (or Unit) Review and Assessment	
6	Unit 10: Add and Subtract 3-Digit Numbers Chapter 25: Add 3-Digit Numbers	
1	Pretest Unit Story Lesson 25.1: Hands On: Add Hundreds	NS 2.2
1	Lesson 25.2: Hands On: Regroup Ones	NS 2.2
1	Lesson 25.3: Hands On: Regroup Tens	NS 2.2
1	Lesson 25.4: Practice Adding 3-Digit Numbers	NS 2.2

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Suggested Pacing Guide for Grade 2
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1	Lesson 25.5: Problem Solving Plan: Multi-Step Problems	NS 2.2
1	Chapter 25 Review and Assessment	
6	Unit 10: Add and Subtract 3-Digit Numbers Chapter 26: Subtract 3-Digit Numbers	
1	Lesson 26.1: Hands On: Subtract Hundreds	NS 2.2
1	Lesson 26.2: Hands On: Regroup Tens	NS 2.2
1	Lesson 26.3: Hands On: Regroup Hundreds	NS 2.2
1	Lesson 26.4: Practice Subtracting 3-Digit Numbers	NS 2.2
1	Lesson 26.5: Problem Solving Strategy: Write a Number Sentence	NS 2.2
1	Chapter 26 Review and Assessment	
6	Unit 10: Add and Subtract 3-Digit Numbers Chapter 27: More Addition and Subtraction	
1	Lesson 27.1: Hands On: Subtract with Two Regroupings	NS 2.2
1	Lesson 27.2: Subtract with Two Regroupings	NS 2.2
1	Lesson 27.3: Subtract Across Zeros	NS 2.2
1	Lesson 27.4: Write in Vertical Form	NS 2.2
1	Lesson 27.5: Problem Solving Strategy: Write a Number Sentence	NS 2.2
1	Chapter 27 Review and Assessment	
6	Unit 10: Add and Subtract 3-Digit Numbers Chapter 28: Relate 3-Digit Addition and Subtraction	
1	Lesson 28.1: Hands On: Add and Subtract Money	NS 5.1, NS 5.2

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1	Lesson 28.2: Add and Subtract Money	NS 5.2
1	Lesson 28.3: Check Subtraction	NS 2.1
1	Lesson 28.4: Estimate Sums and Differences	NS 2.0, NS 6.0
1	Lesson 28.5: Problem Solving Strategy: Work Backward	NS 2.1
1	Chapter 28 (or Unit) Review and Assessment	
1	Trimester 3 Assessment	