

Mt. Diablo Unified School District 2009-10
Suggested Pacing Guide for Grade K
Text: Houghton-Mifflin California Math (2007 Adoption)

Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
Trimester 1		
10	Welcome to Kindergarten: Introduction to Routines and Manipulatives	
10	Calendar Routines, Counting, Free Explore, Cubes, Pattern Blocks, Beans, Buttons, Geo-boards, Plastic Links, Zoobs, etc.	
5	Unit 1: Sort and Classify Chapter 1: Positions	
1	Lesson 1.1: Top, Middle, Bottom	MG 2.0, MR 1.2, MR 2.2
1	Lesson 1.2: Before, After, Between	MG 2.0, MG 2.2
1	Lesson 1.3: Inside, Outside	MG 2.0, MG 2.2, MR 1.2
1	Lesson 1.4: Teacher Activity: Left and Right	MG 2.2
1	Lesson 1.5: Problem Solving Strategy: Act It Out	MR 2.0 MG 2.0, MG 2.2
4	Unit 2: Shapes and Patterns Chapter 4: Plane Shapes	
1	Lesson 4.1: Sort Plane Shapes	AF 1.1
1	Lesson 4.2: Circle or Square	AF 1.1
1	Lesson 4.3: Rectangle or Triangle	MG 2.0, MG 2.1, MR 2.1
1	Lesson 4.4: Problem Solving Strategy: Draw a Picture	MG 2.0, MG 2.1, MR 1.0
5	Unit 1: Sort and Classify Chapter 2: Sorting	
1	Lesson 2.1: Same and Different	AF 1.1
1	Lesson 2.2: Sort by Color	AF 1.0, AF 1.1

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1	Lesson 2.3: Sort by Size	AF 1.0, AF 1.1
1	Lesson 2.4: Problem Solving Strategy: Sort by Shape	AF 1.1
1	Lesson 2.5: Problem Solving Strategy: Logical Thinking	AF 1.0, AF 1.1
5	Unit 2: Shapes and Patterns Chapter 5: Patterns	
1	Lesson 5.1: Teacher Activity: Rhythmic Patterns	SDAP 1.2
1	Lesson 5.2: Color Patterns	SDAP 1.2
1	Lesson 5.3: Size Patterns	SDAP 1.2
1	Lesson 5.4: Patterns with Plane Shapes	SDAP 1.2
1	Lesson 5.5: Problem Solving Strategy: Find a Pattern	SDAP 1.2
5	Unit 3: Numbers Through 5 Chapter 7: Compare Sets	
1	Lesson 7.1: Teacher Activity: One-to-One Correspondence	NS 1.0
1	Lesson 7.2: Equal Sets	NS 1.0
1	Lesson 7.3: More	NS 1.0
1	Lesson 7.4: Less	NS 1.0
1	Lesson 7.5: Problem Solving Strategy: Draw a Picture	NS 1.1 MR 2.0, MR 2.1
5	Unit 3: Numbers Through 5 Chapter 8: Numbers 1-3	
1	Lesson 8.1: Teacher Activity: Count and Read Numbers 1-3	NS 1.2, MR 1.2

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1	Lesson 8.2: Hand On: One and Two	NS 1.0, NS 1.2
1	Lesson 8.3: Hans On: Three	NS 1.0, NS 1.2
1	Lesson 8.4: Numbers 1-3	NS 1.0
1	Lesson 8.5: Problem Solving Plan: Use a Graph/ Create and Solve	NS 1.1, NS 1.2
5	Unit 3: Numbers Through 5 Chapter 9: Numbers 0-5	
1	Lesson 9.1: Four	NS 1.0
1	Lesson 9.2: Five	NS 1.0
1	Lesson 9.3: Teacher Activity: Zero	NS 1.0
1	Lesson 9.4: Numbers 0-5	NS 1.2, MR 1.2
1	Lesson 9.5: Problem Solving Plan: Use a Picture	NS 1.2, NS 1.3
5	Unit 4: Numbers Through 10 Chapter 10: Numbers 0-7	
1	Lesson 10.1: Teacher Activity: Count and Read #'s 1-7	NS 1.2, MR 1.2
1	Lesson 10.2: Six	NS 1.0, NS 1.2
1	Lesson 10.3: Seven	NS 1.0, NS 1.2
1	Lesson 10.4: Show Parts 3-7	NS 1.0
1	Lesson 10.5: Problem Solving Strategy: Look for a Pattern (optional)	NS 1.2, MR 1.2, 2.0
5	Unit 4: Numbers Through 10 Chapter 11: Numbers 0-10	

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
1	Lesson 11.1: Eight	NS 1.0, NS 1.2
1	Lesson 11.2: Nine	NS 1.0, MS 1.2
1	Lesson 11.3: Ten	NS 1.2, MR 1.2
1	Lesson 11.4: Teacher Activity: Show Parts 8-10	NS 1.2, MR 1.2
1	Lesson 11.5: Problem Solving Plan: Use a Picture (T155B)	NS 1.2
7	Trimester 1 Review and Assessment	
	Trimester 2	
5	Unit 4: Numbers Through 10 Chapter 12: Use Numbers Through 10	
1	Lesson 12.1: Sort by Number	NS 1.0, NS 1.2
1	Lesson 12.2: Order Numbers to 10	NS 1.2, MR 2.0
1	Lesson 12.3: More and Less	NS 1.1, NS 1.3
1	Lesson 12.4: Teacher Activity: Ordinal Numbers	NS 1.2
1	Lesson 12.5: Problem Solving Plan: Use a Graph/ Create and Solve	NS 1.0, NS 1.1
5	Unit 7: Numbers 10-19 Chapter 17: Introduce Numbers 10-19	
1	Lesson 17.1: Numbers 10-19	NS 1.2, MR 1.2
1	Lesson 17.2: Numbers 10-12	NS 1.2, MR 1.2
1	Lesson 17.3: Numbers 13-15	NS 1.2, MR 1.2

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1	Lesson 17.4: Numbers 16-19	NS 1.2, MR 1.2
1	Lesson 17.5: Problem Solving Plan: Use a Graph/ Create and Solve	NS 1.1, 1.2, SDAP 1.1
5	Unit 7: Numbers 10-19 Chapter 18: Use Numbers 10-19	
1	Lesson 18.1: Show Parts 11-14	NS 1.0, NS 1.2
1	Lesson 18.2: Show Parts 15-19	NS 1.0, NS 1.2
1	Lesson 18.3: Order Numbers Through 19	NS 1.2, MR 1.2
1	Lesson 18.4: Teacher Activity: Estimate Quantities Through 19	NS 1.3, NS 3.1
1	Lesson 18.5: Problem Solving Strategy: Guess and Check	NS 3.1 ,MR 2.0
5	Unit 9: Greater Numbers Chapter 21: Numbers 20-30	
1	Lesson 21.1: Twenty	NS 1.2
1	Lesson 21.2: Numbers 21-25	NS 1.2, NS 1.3
1	Lesson 21.3: Numbers 26-30	NS 1.2, NS 1.3
1	Lesson 21.4: Teacher Activity: Order Numbers 0-3	NS 1.2
1	Lesson 21.5: Problem Solving Plan: Reasonable Answers	NS 3.0, NS 3.1
5	Unit 9: Greater Numbers Chapter 22: More On Greater Numbers	
1	Lesson 22.1: Teacher Activity: Estimate	NS 3.0, NS 3.1
1	Lesson 22.2: Estimation	NS 3.0, NS 3.1

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1	Lesson 22.3: Compare Quantities	NS 1.0, NS 1.3
1	Lesson 22.4: Calendar: Use Number 1-31	MG 1.0
1	Lesson 22.5: Problem Solving Strategy: Use Logical Thinking/ Create and Solve	NS 1.2, NS 1.3
5	Unit 5: Addition and Subtraction Concepts Chapter 13: Addition Concepts	
1	Lesson 13.1: Teacher Activity: Model Addition	NS 2.1, MR 1.2
1	Lesson 13.2: Add with Cubes	NS 2.1, NS 2.0
1	Lesson 13.3: Addition Stories	NS 2.1, NS 2.0
1	Lesson 13.4: Use Pictures to Add	NS 2.1, NS 3.1
1	Lesson 13.5: Problem Solving Plan: Use a Picture	NS 2.1, MR 1.0, MR 2.0
5	Unit 5: Addition and Subtraction Concepts Chapter 14: Subtraction Concepts	
1	Lesson 14.1: Teacher Activity: Model Subtraction	NS 2.1, MR 1.2
1	Lesson 14.2: Subtract with Cubes	NS 2.1, MR 1.2, MR 2.2
1	Lesson 14.3: Subtraction Stories	NS 2.1, MR 1.2
1	Lesson 14.4: Use Pictures to Subtract	NS 2.1, MR 2.2
1	Lesson 14.5: Problem Solving Strategy: Draw a Picture/ Create and Solve	MR 1.0, NS 2.0
5	Unit 6: More Addition and Subtraction Chapter 15: Relate Addition and Subtraction	
1	Lesson 15.1: Join Parts	NS 2.1

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Number of Days	Topics: Content, Textbook Section, Assessments	CA Content Standards
1	Lesson 15.2: Separate Parts	NS 2.1
1	Lesson 15.3: Teacher Activity: Addition and Subtraction Pattern	NS 2.1
1	Lesson 15.4: Teacher Activity: Relate Addition and Subtraction	NS 2.1
1	Lesson 15.5: Problem Solving Strategy: Act It Out	NS 2.1
5	Unit 6: More Addition and Subtraction Chapter 16: Record Addition and Subtraction	
1	Lesson 16.1: Record Addition	NS 2.1
1	Lesson 16.2: Record Subtraction	NS 2.1
1	Lesson 16.3: Add 1 or 2	NS 2.1, NS 3.0
1	Lesson 16.4: Subtract 1 or 2	NS 2.0, NS 2.1
1	Lesson 16.5: Problem Solving Plan: Use a Picture/ Create and Solve	NS 2.0
5	Unit 8: Time and Measurement Chapter 20: Time	
1	Lesson 20.1: Teacher Activity: Hours and Minutes	MG 1.0, MG 1.4
1	Lesson 20.2: Teacher Activity: Estimate with Time	MG 1.0, MG 1.4
1	Lesson 20.3: Time to the Hour	MG 1.2
1	Lesson 20.4: Relate Time to Events	MG 1.4
1	Lesson 20.5: Problem Solving Strategy: Act It Out/ Create and Solve	MG 1.2, MG 1.4
5	Unit 10: Geometry and Measurement Chapter 23: Solid and Complex Shapes	

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1	Lesson 23.1: Solids	MG 2.0, MG 2.1
1	Lesson 23.2: Sort Solids	MG 2.2
1	Lesson 23.3: Combine and Separate Plane Shapes	MG 2.1, MR 1.2
1	Lesson 23.4: Combine and Separate Solid Shapes	MG 2.0, MG 2.1
1	Lesson 23.5: Problem Solving Strategy: Use Logical Thinking/ Create and Solve	MG 2.0, MG 2.1
7	Trimester 2 Review and Assessment	
	Trimester 3	
5	Unit 10: Geometry and Measurement Chapter 24: Length, Weight, and Capacity	
1	Lesson 24.1: Compare Length	MG 1.0, 1.1, MR 1.2
1	Lesson 24.2: Sort by Length	MG 1.0, MG 1.1
1	Lesson 24.3: Teacher Activity: Compare Weights	MG 1.0, MG 1.1
1	Lesson 24.4: Teacher Activity: Compare Capacity	MG 1.0, MG 1.1
1	Lesson 24.5: Problem Solving Strategy: Use Logical Reasoning	MG 1.0, MG 1.1, MR 1.2
5	Unit 1: Sort and Classify Chapter 3: Graphs	
1	Lesson 3.1: Teacher Activity: Some, All, and None	MR 1.2, AF 1.1
1	Lesson 3.2: Teacher Activity: Graph with Real Objects	SDAP 1.0, 1.1, MR 1.2
1	Lesson 3.3: Sort and Graph Coins	NS 1.1, AF 1.1, SDAP 1.1

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1	Lesson 3.4: Picture Graphs	NS 1.1, AF 1.1, SDAP 1.1
1	Lesson 3.5: Problem Solving Strategy: Make a Graph/ Create and Solve	SDAP 1.1, MR 1.0
5	Unit 2: Shapes and Patterns Chapter 6: More Patterns	
1	Lesson 6.1: Patterns and Positions	SDAP 1.2
1	Lesson 6.2: Patterns That Are the Same	SDAP 1.2
1	Lesson 6.3: Make Patterns	SDAP 1.2, MR 1.2
1	Lesson 6.4: Problem Solving Strategy: Find a Pattern/ Create and Solve	SDAP 1.2, MR 1.1, MR 2.0
17	Review/Make-Up	
14	Assessments	