

**Dublin Unified School District 2009-10**  
**Suggested Pacing Guide for Grade 5**  
**Text: Scott Foresman California Mathematics (2001 Adoption)**

**\* Notes: All “Problem Solving” lesson have been omitted. Teachers need to teach these lessons within their math block/warm-up/skill review/etc.**

**Chapter 3 (Graphs, Data, Charts) is after CST testing and line graphs and double bar graphs should be integrated into Science and other areas.**

<b>Number of Days</b>	<b>Topics: Content, Textbook Section, Assessments</b>	<b>CA Content Standards</b>
<b>10</b>	<b>Chapter 1: Place Value</b>	
1	1-1 Place Value through Billions	NS 1.1
1	1-2, 1-5 Exact and Estimated Data	NS 1.1, 2.3, 3.2
1	1-3 Place Value through Thousandths	NS 1.1
1	1-4 Comparing and Ordering Whole Numbers and Decimals	NS 1.1, 1.2, 1.5
1	1-6 Rounding Whole Numbers and Decimals	NS 1.1
1	1-7 Variables and Tables	AF 1.2, 1.5
1	1-8 Using Data from Tables and Graphs	MR 2.3
1	Review	
1	Test	
1	(Mid-review)	

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<b>Number of Days</b>	<b>Topics: Content, Textbook Section, Assessments</b>	<b>CA Content Standards</b>
<b>9</b>	<b>Chapter 2: Adding and Subtracting Whole Numbers and Decimals</b>	
In warm-up	2-1 Addition Properties	NS 1.2
In warm-up	2-2 Mental Math: Using Compatible Numbers and Comp.	NS 1.0
1	2-3 Relating Addition and Subtraction	NS 1.2
1	2-4 Solving Addition and Subtraction Equations	AF 1.1
In warm-up	2-6 Estimation Strategies	NS 1.1
2	2-7 Using Expressions	AF 1.2
.5	2-8 Write an Equation	AF 1.1
.5	Review	
.5	Test (2-1 through 2-8)	
.5	2-9 Adding and Subtracting Greater Whole Numbers	NS 3.1
1	2-10 Adding and Subtracting Decimals	NS 2.1
	2-11 Using Money	NS 2.1
.5	Mini-Quiz (2-9, 2-10, 2-11)	
1.5	3-7 Mean, Median, Mode	SDAP 1.1
	(Note: the rest of Chapter 3 will be taught after Chapter 12)	

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<b>11</b>	<b>Chapter 4: Multiplying Whole Numbers</b>	
1	4-1 Multiplication Properties	AF 1.3
2	4-2 Order of Operations	AF 1.3
1	4-3 Evaluating Expressions with Whole Numbers	AF 1.2
3	4-7 Multiplying 1 and 2 digit numbers 4-9 Multiplying Greater Numbers	NS 1.0 MR 2.1
1	4-10 Exponents	NS 1.3
In warm-up	4-11 Using Money	MR 1.2 MR 2.6
3	Review and Test	

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<b>Number of Days</b>	<b>Topics: Content, Textbook Section, Assessments</b>	<b>CA Content Standards</b>
<b>16</b>	<b>Chapter 5: Dividing Whole Numbers</b>	
2	5-3 Dividing by One-Digit Division (Includes one day Best Practice)	NS 2.2
2	5-5 Dividing by Two-Digit Division	NS 2.2
2	5-6 Two Digit Quotients	NS 2.2
2	5-7 Dividing Greater Numbers	NS 2.2
2	Review	
1	Test	
1	5-8 Logical Reasoning	MR 2.3
1	5-9 Using Averages	PS 1.1
	5-10 Analyzing Data	PS 1.1
1	5-12 Solving Multiplication and Division Equations	AF 1.1
1	Review	
1	Test (all chapters)	

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<b>14</b>	<b>Chapter 7: Fraction Concepts</b>	
1	7-1 Factors and Divisibility	NS 4.1
1	7-1 Prime Factorization	NS 1.4
1	7-3 Common Factors and GCF	NS 2.4
1	7-4 Common Multiples and LCM	NS 2.4
1	Test (7-1 through 7-4)	
2	7-6 Relating Fractions and Decimals	NS 1.0, NS 1.5
2	7-7 Equivalent Fractions	NS 1.5
1	7-8 Fractions in Simplest Forms	NS 1.5
1	7-11 Fractions Greater Than One	NS 1.5
1	7-12 Comparing and Ordering Fractions and Mixed Numbers	NS 1.1
1	Review	
1	Test	
	<b>End of Trimester 1</b>	

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<b>22</b>	<b>Chapter 8: Fraction Computation</b>	
2	8-10 Multiplying by a Fraction	NS 2.4, NS 2.5
3	8-11 Dividing Fractions	NS 2.4, NS 2.5
3	8-12 Multiplying and dividing Mixed Numbers	NS 2.5
1	8-14 Evaluating Expressions with Fractions	AF 1.2
2	Review	
1	Test	
1	8-1 Adding Fractions and Mixed Numbers: Like Denominators	NS 2.3
1	8-2 Subtracting Fractions and Mixed Numbers: Like Denominators	NS 2.3
1.5	8-5 Adding Fractions: Unlike Denominators	NS 2.3
1.5	8-6 Subtracting Fractions: Unlike Denominators	NS 2.3
1	8-7 Adding Mixed Numbers	NS 2.3
2	8-8 Subtracting Mixed Numbers	NS 2.3
1	Review	
1	Test	

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<b>16</b>	<b>Chapter 6: Multiplying and Dividing Decimals</b>	
1	6-1 Mental Math: Multiplying Decimals by 10, 100, 1000	NS 2.1
5	6-2 Multiplying Decimals by Whole Numbers 6-5 Multiplying Decimals 6-3 Estimating 6-6 Multiplying with zeros	NS 2.1
1	6-7 Choose a Strategy 6-4	MR 1.1, MR 1.0
1	Review	
1	Test	
1	6-8 Mental Math: Dividing Decimals by 10, 100, 1000	NS 2.1, NS 2.2
3	6-9 Dividing a Decimal by a Whole Number 6-10 Dividing a Decimal by a Decimal	NS 2.1 NS 2.2
1	6-11 Evaluating Expressions with Decimals	AF 1.2
1	Review	
1	Test (6-9 through 6-11)	

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<b>18</b>	<b>Chapter 9: Integers, Equations, and Graphs</b>	
1	9-1 Meaning of Integers	NS 1.5
1	9-2 Comparing and Ordering Integers	NS 1.5
2	9-3 Adding Integers	NS 2.1
2	9-4 Subtracting Integers	NS 2.1
1	9-5 Evaluating Expressions with Integers	AF 1.2
1	Review	
1	Test	
1	9-7 Graphing Points in the Coordinate Plane	AF 1.4
2	9-8 Graphing Equations	AF 1.5
1	9-9 Make a Graph	AF 1.5 MR 2.3
2	9-10 Writing Equations	AF 1.5
1	9-11 Using Tables and Graphs	AF 1.5
1	Review	
1	Test	
	<b>End of Trimester 2</b>	

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<b>8</b>	<b>Chapter 10: Geometry</b>	
1	10-1 Geometric Ideas 10-3 Sum of Angles in a Quadrilateral	MG 2.1
2	10-2 Measuring and Classifying Angles	MG 2.1
2	10-5 Triangles – Sum of Angles in a Triangle	MG 2.0, MG 2.2
1	10-9 Congruent Figures and Transformations	MG 2.0
1	Review	
1	Test	
<b>9</b>	<b>Chapter 11: Measurement</b>	
1	11-7 Perimeter and Circumference	4MG 1.4, 6MG 1.2
2	11-8 Area – Rectangles, Triangles, and Parallelograms	MG 1.1
2	11-9 Volume	MG 1.3
2	11-10 Surface Area	MG 1.2
1	Review	
1	Test	

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<b>10</b>	<b>Chapter 12: Ratio, Percent, and Probability</b>	
1	12-3 Scale Drawings	MR 2.3
1	12-6 Understanding Percent	NS 1.2
2	12-7 Relating Percents, Decimals, and Fractions	NS 1.2
1	12-8 Finding Percent of a Number	NS 1.2
2	12-10 Finding Probability	SDAP 1.3
1	12-11 Predicting Outcomes	SDAP 1.3
1	Review	
1	Test	

	<b>AFTER CST:</b>	
<b>4</b>	<b>Chapter 11: Measurement</b>	<b>6<sup>th</sup> grade</b>
1	11-1 Customary Units of Length	6AF 2.1
1	11-2 Customary Units of Weight	6AF 2.1
1	11-4 Metric Units of Length	6AF 2.1
1	11-5 Metric Units of Capacity and Mass	6AF 2.1

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<b>8</b>	<b>Chapter 12: Ratio, Percent, Probability</b>	<b>6<sup>th</sup> Grade</b>
2	12-1 Understanding Ratio	6NS 1.2
2	12-2 Equivalent Ratios	6NS 1.2
2	12-4 Understanding Rates	6AF 2.2
2	12-12 Tree Diagrams	6SDAP 3.1
<b>10</b>	<b>Chapter 3: Organizing and Displaying Data</b>	
1	3-1 Organizing and Displaying Data	SDAP 1.2
1	3-2 Double Bar Graphs	SDAP 1.2
1	3-3 Coordinate Graphing	SDAP 1.4, 1.5
1	3-4 Understanding Line Graphs	SDAP 1.4
1	3-5 Reading and Making Line Graphs	SDAP 1.2, 1.4
1	3-6 Make a Graph	SDAP 1.2
1	3-8 Using Other Graphs	SDAP 1.2
2	Review	
1	Test	