

Mt. Diablo Unified School District (MDUSD) 2008-09

Suggested Pacing Guide for Pre-Algebra – 7th Grade

Text: Prentice Hall, Pre-Algebra CA Edition

Time/ # of days	Topics: Content & Assessment	CA Content Standards
1	Chapter 1.1: Variables and Expressions	AF 1.1, 1.4
1	Chapter 1.3: Evaluating Expressions	AF 1.2
1	Chapter 1.2: The Order of Operations	AF 1.2, MR 1.3
1	Chapter 4.2: Exponents	AF 2.1
1	Chapter 2.1: Properties of Numbers	AF 1.3, MR 2.6
1	Chapter 2.2: The Distributive Property	AF 1.3
1	Review	
1	Assessment	

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Time/ # of days	Topics: Content & Assessment	CA Content Standards
1	Chapter 2.3: Simplifying Variable Expressions	AF 1.3, 1.4, MR 2.4
1	Chapter 2.4: Variables and Equations	AF 1.1, 1.4
1	Chapter 1.5: Adding Integers	NS 1.2, AF 1.3
2	Chapter 1.6: Subtracting Integers	NS 1.2
2	Chapter 2.5: Solving Equations by Adding or Subtracting	AF 4.1, MR 2.8
1	Chapter 1.9: Multiplying and Dividing Integers	NS 1.2
2	Chapter 2.6: Solving Equations by Multiplying or Dividing	AF 4.1, MR 3.1
1	Review	
1	Assessment	

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Time/ # of days	Topics: Content & Assessment	CA Content Standards
1	Chapter 2.8: Inequalities and Their Graphs	AF 1.1, 1.4, 1.8
1	Chapter 2.9: Solving One-Step Inequalities by Adding or Subtracting	AF 4.1
2	Chapter 2.10: Solving One-Step Inequalities by Multiplying and Dividing	AF 4.1, MR 3.1
1	Review	
1	Assessment	

Time/ # of days	Topics: Content & Assessment	CA Content Standards
2	Chapter 7.1: Solving Two-Step Equations	AF 4.1
2	Chapter 7.2: Solving Multi-Step Equations	AF 4.1
2	Chapter 7.3: Multi-Step Equations with Fractions and Decimals	AF 4.1
2	Chapter 7.5: Solving Equations with Variables on Both Sides	AF 4.1, 4.2
2	Chapter 7.6: Solving Two-Step Inequalities	AF 4.1
1	Review	
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Time/ # of days	Topics: Content & Assessment	CA Content Standards
1	Chapter 4.1: Divisibility and Factors	MR 3.2
2	Chapter 5.1: Comparing and Ordering Fractions	MR 1.1
2	Chapter 5.4: Multiplying and Dividing Fractions	NS 1.2, MR 2.6
1	Chapter 6.1: Ratios and Unit Rates	MG 1.1, 1.3
1	Review	
1	Assessment	

Time/ # of days	Topics: Content & Assessment	CA Content Standards
2	Chapter 3.5: Solving Equations by Adding or Subtracting Decimals	NS 1.2
2	Chapter 3.6: Solving Equations by Multiplying or Dividing Decimals	NS 1.2
2	Chapter 6.5: Fractions, Decimals, and Percents	NS 1.3, 1.5
2	Chapter 6.7: Percents and Equations	NS 1.3, 1.7
2	Chapter 7.8: Simple and Compound Interest	NS 1.7
1	Review	
1	Assessment	

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Time/ # of days	Topics: Content & Assessment	CA Content Standards
1	Chapter 4.3: Prime Factorization and Greatest Common Factor	MR 3.2
2	Chapter 5.2: Fractions and Decimals	NS 1.3, 1.5
2	Chapter 5.3: Adding and Subtracting Fractions	NS 1.2, 2.2
2	Chapter 5.7: Solving Equations by Adding or Subtracting Fractions	MR 2.8, NS 1.2, 2.2
½	Chapter 5.8: Solving Equations by Multiplying Fractions	NS 1.2
1	Review	
1	Assessment	

Time/ # of days	Topics: Content & Assessment	CA Content Standards
	Chapter 4.7: Exponents and Multiplication	AF 2.2, NS 2.1, 2.3
	Chapter 4.8: Exponents and Division	AF 2.1, NS 2.1, 2.3
	Chapter 4.9: Scientific Notation	NS 1.1
	Chapter 11.1: Square Roots and Irrational Numbers	AF 2.2, NS 1.4, 2.4
	Chapter 11.2: The Pythagorean Theorem	MG 3.3, NS 2.4
1	Review	
1	Assessment	

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Time/ # of days	Topics: Content & Assessment	CA Content Standards
1	Chapter 9.1: Points, Lines, and Planes	MG 3.1, 3.6
1	Chapter 9.2A: Drawing and Measuring Angles (Protractors)	MG 3.1
1	Chapter 9.2: Angle Relationship and Parallel Lines	MG 3.1, 3.4
3	Chapter 9.3: Classifying Polygons	MG 2.1
1	Chapter 9.6: Circles	AF 3.4, MG 3.1
1	Review	
1	Assessment	

Time/ # of days	Topics: Content & Assessment	CA Content Standards
1	Chapter 12.1, 12.2: Graphs and Plots	SDAP 1.1, 1.3
1	Chapter 8.5: Scatter Plots	SDAP 1.2
1	Chapter 3.3: Mean, Median, Mode	NS 1.2
1	Chapter 1.10 The Coordinate Plane Chapter 8.1: Relations and Functions	AF 1.5 AF 1.5, 3.4
2	Chapter 8.2: Equations with Two Variables	AF 1.5, 3.3, MR 2.3
2	Chapter 8.3: Slope and y -Intercept	AF 3.3, 3.4
1	Quiz/ Review/ Project	

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2	Chapter 13.5: Adding and Subtracting Polynomials	AF 1.3
1	Chapter 13.4: Evaluating Polynomials	AF 1.2
½	Chapter 13.6: Multiply Polynomials	AF 1.3
2	Chapter 13.2: Graphing Non-Linear Functions	AF 3.1, 3.2
2	Chapter 10.5: Surface Area – Prisms and Cylinders	MG 2.1, 2.3
2	Chapter 10.6: Volume – Prisms and Cylinders	MG 2.1, 2.3
2	Chapter 10.7: Volume – Prisms and Cylinders	MG 2.1
1	Review	
1	Assessment	