

San Lorenzo Unified: Algebra I Pacing Guide 2009-2010

Text: *Concepts and Skills*, McDougal Littell

Time	Topics: Content & Assessment	CA Standards	Textbook
Quarter 1			Chapter 1
10 days	Skills Review/ Class Rules (1 day) NWEA (1day) 1.1&1.2 Evaluate Expressions/ Use Exponents (1day) 1.3 Order of Operations (1 day) 1.5&1.4 Write Equations/Inequalities (1 day) 1.6&1.7 Problem Solving Plan (1 day) 1.8 (1 day) Review/Assessment (2 days)	Various 2.0, 25.2 Gr.6 AF1.2/ Gr.7 AF1.2 5.0 5.0, 15.0	Include Diamond Problems in Warm ups
Quarter 1			Chapter 2
8 days	2.1&2.2 Compare Real #s (1 day) 2.3 Add Real Numbers/2.4 Subtract Real Numbers (1 day) 2.5 Multiply Real Numbers/ 2.8 Divide Real Numbers (1 day) 2.6 Use the Distributive Property (2 days) 2.7 Combining Like Terms (1 day) Review/ Assessment (2 days)	2.0, 24.2, 24.3 1.0,1.1 1.0,1.1, 2.0 1.0, 4.0	Include Lab Gear
Quarter 1			Chapter 3
12 days	Cups/Chips (2 days) 3.1 Solve One-Step Equations (1 day) 3.2 Solve Two-Step Equations (1 day) 3.3 Solve Multi-Step Equations (1 day) 3.4 Solve Equations with Variables on Both Sides (1 day) 3.5&3.6 (1 day) 3.8 Write Ratios/ 11.1 Proportions (2 days) 3.7&3.9 Rewrite Equations & Formulas (1 day) Concept Lessons (2 days) Review/ Assessment (2 days)	Gr.6: AF1.1 Gr.7: AF4.1 4.0 5.0 1.0, 13.0 15.0	UCLA lesson

Time	Topics: Content & Assessment	CA Standards	Textbook
Quarter 2			Chapter 4
17 days	4.1 (1 day) <i>Concept Lesson Algebra Walk</i> (1 day) 4.2 /4.3 Graph Linear Equations /Functions (2 days each) 4.4 Graph Using Intercepts (2 days) 4.5 Find Slope & Rate of Change (2 days) 4.7 Graph Using Slope-Intercept Form (2 days) 4.6 Recognize Direct Variation (1 day) 4.8 Functions and Relations (1 day) <i>Graphing calculator lesson</i> (1 day) Review/Assessment (2 days)	6.0, 7.0, 16.0, 17.0 6.0 6.0, 7.0 6.0, 8.0 6.0 6.0	CPM problems Interpreting Graph lessons BattleGraph PP game ACOE
Quarter 2			Chapter 5
12 days	5.1 Write Linear Equations in Slope-Intercept Form (2 days) 5.2/5.3 Write Linear Equations in Point-Slope Form (2 days) Float Day (1 day) Review/ 5.4 Write Linear Equations in Standard Form (2 days) 5.5/5.6 Write Equations of Parallel & Perpendicular Lines (2 days) <i>Concept Lesson</i> (1 day) Review/ Assessment (2 days)	7.0 7.0 7.0 8.0	
Quarter 2			Chapter 6
	6.1 Solve Inequalities w/ Addition & Subtraction (1 day) 6.2 Solve Inequalities w/ Mult. & Division (1 day) 6.3 Solve Multi-step Inequalities (1 day) Quiz/Review (1 float day) 6.4/ 6.5 Solve Compound Inequalities (2 days) 6.6/ 6.7 Solve Absolute Value Equations (2 days) 6.8 graphing linear inequalities (2 days)		
5 days	Midterm Review (3 days) Midterm (2 days)		

San Lorenzo Unified: Algebra I Pacing Guide 2009-2010

Text: *Concepts and Skills*, McDougal Littell

Time	Topics: Content & Assessment	CA Standards	Textbook
Quarter 3			Chapter 7
13 days	7.1 Solve Linear Systems by Graphing (1 day) 7.2 Solve Linear Systems by Substitution (2 days) 7.3 Solve Linear Systems by Adding/Subtracting (1 day) <i>Float Day</i> (1 day) 7.3 Solve Linear Systems by Multiplying First (2 day) 7.5 Solve Special Linear Systems (1 day) 7.4 Linear Systems & Problem Solving (1 day) 7.6 Systems of Linear Inequalities (2 days) Review/ Assessment (2 day)	9.0 9.0 9.0 9.0 9.0	Wikki stix lesson Domino Game Animal Races
Quarter 3			Chapter 8
6 days	8.1 Exponent Properties Involving Products (1 day) 8.4 Exponent Properties Involving Quotients (1 day) 8.2 Zero/Negative Exponents (1 day) 8.5 Scientific Notation (1 day) Review/ Assessment (2 days)	2.0 2.0 2.0 1.0, 25.1	
Quarter 3			Chapter 10
16 days	10.1 Add/Subtract Polynomials (1 day) 10.2 Multiply Polynomials (2 days) 10.3 Special Product of Polynomials (2 days) Divide Polynomials (1 day) 10.4 Solve Polynomial Equations in Factored Form (1 day) 10.5 Factor $x^2 + bx + c$, part 1 (2 days) 10.6 Factor $ax^2 + bx + c$, part 2 (1 day) 10.7 Factor Special Products (1 day) Factor Polynomials Completely (1 day) 10.8 Factoring Cubic Polynomials (1 day) <i>Float Day</i> (1 day) Review/Assessment (2 days)	10.0 10.0 10.0 10.0 11.0, 14.0, 23.0 11.0, 14.0 11.0, 14.0 11.0, 14.0, 25.2 11.0, 14.0, 25.1	Diamond Problems Generic Rectangle CPM-“Triple Play” Lab Gear

San Lorenzo Unified: Algebra I Pacing Guide 2009-2010

Text: *Concepts and Skills*, McDougal Littell

Time	Topics: Content & Assessment	CA Standards	Textbook
Quarter 3			Chapter 9
14 days	9.1/9.3 Use Square Roots (1day) 9.4 Graphing Quadratics Functions(1 day) $y = ax^2 + c$ (1 day) $y = ax^2 + bx + c$ (2 days) $y = a(x - p)(x - q)$ (1 day) 9.5 Solve Quadratic Equations by Graphing (1 day) 9.2 Use Radicals to Solve Quadratic Equations (1 day) 12.5 Solve Quadratic Equations by Completing the square (1 day) 9.6 Solve Quadratic Equations by Quadratic Formula (2 days) 9.7 Interpret the Discriminant (1 day) Float Day (1 day) Review/ Assessment (2 days)	16.0, 21.0, 23.0 21.0 2.0, 15.0, 23.0 14.0, 19.0, 23.0 15.0, 19.0, 20.0, 23.0 22.0, 23.0	You Tube Videos Song (Pop Goes the Weasel) Cloze Lesson
Quarter 3			Chapter 11
6 days	11.1 Direct Variation (1 day) 11.2 Recognize Inverse Variation (part) (1 day) 11.3 Simplify Rational Expressions (1 day) 11.4 Multiply & Divide Rational Expressions (2 days) Float Day (1 day)	15.0, 13.0 10.0, 12.0 13.0	Venn Diagram lesson

San Lorenzo Unified: Algebra I Pacing Guide 2009-2010

Text: *Concepts and Skills*, McDougal Littell

Time	Topics: Content & Assessment	CA Standards	Textbook
Quarter 4			Complete Chapter 11
8 days	11.5/11.6 Add & Subtract Rational Expressions (2 days) 11.7 Solve Rational Equations & Solve Work Problems (2 days) Float Day (2 days) Review/Assessment (2 days)	13.0, 15.0 13.0, 15.0	
9 days	STAR Testing Review (4 days) STAR Testing (5 days)		
Quarter 4			Chapter 12
16 days	12.1 Radicals & Rational Exponents (2 days) 12.2 Radicals & Rational Exponents (2 days) 12.3 Solving Radical Equations (2 days) 12.4 Rational Exponents (2 days) 12.6 Apply Pythagorean Theorem & Its Converse (1 days) 12.7 The Distance Formula (1 day) 12.8 The Midpoint Formula (1 day) 12.9 Properties of Real Numbers Logical Reasoning (1day) Float days (2 days) Review/ Assessment (2 days)	2.0, 16.0, 17.0 2.0 2.0 2.0 2.0, 25.0 25.1 14.0	
4 days	Final Final Review (4 days) Final Exam (2 days)		
	Promotion Week		