

Time	Topics: Content & Assessment	CA Standard
39 instructional days	1st Quarter	
7 days	<p>Chapter 1 – Introduction to Algebra</p> <p>1.1 Symbols and Expressions (1 day)</p> <p>1.2 & 1.4 The Commutative, Identity and Associative Properties (1 day)</p> <p>1.8 Draw a Diagram Strategy (incorporate in warm-ups)</p> <p>1.3 Exponential Notation (1 day)</p> <p>1.5 The Distributive Property of Multiplication over Addition (1 day)</p> <p>1.6 Writing Expressions (1 day)</p> <p>1.7 Solving Equations: An Introduction (1 day)</p> <p>Review (done as Warm-Ups) /Assessment (1 day)</p>	<p>1.0</p> <p>1.0</p> <p>24.0</p> <p>2.0</p> <p>1, 4, 10</p> <p>5.0</p> <p>25.2</p>
8 days	<p>Chapter 2 – Integers & Rational Numbers</p> <p>2.1 Integers and the Number Line & 2.2 Rational Numbers (1 day)</p> <p>2.3 Addition of Rational Numbers (1 day)</p> <p>2.4 Subtraction of Rational Numbers (1 day)</p> <p>2.5 & 2.6 Multiplication and Division of Rational Numbers (1 day)</p> <p>2.7 Using the Distributive Property (1 day)</p> <p>Emphasize Factoring & GCF</p> <p>2.8 Inverse of a Sum and Simplifying (1 day)</p> <p>2.9 Writing Equations (Done as Warm-ups)</p> <p>Review/Assessment (2 days)</p>	<p>2.0, 1.0</p> <p>1.0</p> <p>1.0</p> <p>1.0, 2.0</p> <p>1.0, 4.0,</p> <p>10.0</p> <p>1, 2, 4, 10</p> <p>5.0</p>
13 days	<p>Chapter 3 – Equations</p> <p>3.1 The Addition Property of Equality (1 day)</p> <p>3.2 The Multiplication Property of Equality Emphasize Fractions (1 day)</p> <p>3.3 Using the Properties together (1 day)</p> <p>3.4 Expressions and Equations (1 day)</p> <p>3.5 More on Solving Equations (1 day)</p> <p>3.6 Clearing an Equation of Fractions or Decimals (1 day)</p> <p>Note: Spiral 3.6 problems in warm-ups</p> <p>3.7 Formulas (1 day)</p> <p>3.8 Solving Equations Involving Absolute Value (1 day)</p> <p>3.9 Proportions Emphasize word problems (1 day)</p> <p>3.10 Using Percent (1 day)</p> <p>3.11 More Expressions and Equations (1 day)</p> <p>Review/Assessment (2 days)</p>	<p>5.0</p> <p>5.0</p> <p>5.0, 25.0</p> <p>5.0</p> <p>5.0</p> <p>5.0</p> <p>5.0</p> <p>5.0, 25.0</p> <p>3.0, 25.2,</p> <p>25.3</p> <p>5.0</p> <p>5.0</p> <p>5.0</p>

Time	Topics: Content & Assessment	CA Standard
39 instructional days	1st Quarter	
5 days	<p>Chapter 4 – Inequalities</p> <p>4.1 Inequalities and Their Graphs & 4.2 The Addition Property of Inequalities (1 day)</p> <p>4.3 The Multiplication Property of Inequalities (1 day)</p> <p>4.4 Using the Properties Together (1 day)</p> <p>4.5 Using Inequalities (1 day)</p> <p>Review (done in Warm-Ups) /Assessment (1 day)</p>	<p>1.0, 5.0</p> <p>5.0</p> <p>5.0</p> <p>5.0</p>
6 days	<p>Chapter 5 – Exponents & Polynomials</p> <p>5.1 Exponents & 5.2 More with exponents (1 day)</p> <p>5.4 Scientific Notation (1 day)</p> <p>5.3 Multiplying and Dividing Monomials (1 day)</p> <p>5.5 Polynomials & 5.6 More on Polynomials (1 day)</p> <p>5.7 Addition of Polynomials (1 day)</p> <p>5.8 Subtraction of Polynomials (1 day)</p>	<p>2.0</p> <p>2.0</p> <p>10.0</p> <p>10.0</p> <p>10.0</p> <p>10.0</p>
End of 1st Quarter		
Time	Topics: Content & Assessment	CA Standard
47 instructional days	2nd Quarter	
5 days	<p>Chapter 5 – Exponents & Polynomials Con't.</p> <p>5.9 Multiplication of Monomials (1 day)</p> <p>5.10 Multiplying Binomials: Special products (1 day)</p> <p>5.11 Multiplying Polynomials (1 day)</p> <p>Review/Assessment (2 days)</p>	<p>10.0</p> <p>10.0</p> <p>10.0</p>

Time	Topics: Content & Assessment	CA Standard
47 instructional days	2nd Quarter	
14 days	<p><i>Chapter 6 – Polynomials & Factoring</i></p> <p>6.1 Factor Polynomials (1 day)</p> <p>6.4 Factoring $x^2 + bx + c$ (1 day)</p> <p>6.5 Factoring $ax^2 + bx + c$ (2 days)</p> <p>6.2 Difference of two squares (1 day)</p> <p>6.3 Trinomial Squares (1 day)</p> <p>6.6 Factoring by grouping (1 day)</p> <p>6.7 Factoring: a general strategy (2 days)</p> <p>6.8 Solving Equation by Factoring (2 days)</p> <p>6.9 Using Equations that Factor (1 day)</p> <p>Review/Assessment (2 days)</p>	<p>11.0</p> <p>11.0</p> <p>11.0</p> <p>11.0</p> <p>11.0</p> <p>11.0</p> <p>11.0</p> <p>14.0</p> <p>10.0, 14.0</p>
14 days	<p><i>Chapter 10 – Rational Expressions/Equations</i></p> <p>10.1 Simplifying Rational Expressions (1 day)</p> <p>10.2 Multiplying Rational Expressions (1 day)</p> <p>10.3 Dividing Rational Expressions (2 days)</p> <p>10.4 Adding/Subtracting Rational Expressions with common denominators (1 day) <i>(start set-up of 10.8 problems in warm-ups)</i></p> <p>10.5 Adding/Subtracting Rational Expressions with unlike denominators (2 days)</p> <p>10.6 Solving Rational Equations (2 days)</p> <p>10.7 Using Rational Equations (1 day)</p> <p>10.9 Dividing Polynomials (1 day)</p> <p>10.8 Mixture Problems (1 day) <i>(work out day 1 problems begin set-up for day 2)</i></p> <p>Review/Assessment (2 days)</p>	<p>12.0</p> <p>13.0</p> <p>13.0</p> <p>13.0</p> <p>13.0</p> <p>13.0</p> <p>15.0</p> <p>10.0</p> <p>15.8</p>

47 instructional days	2 nd Quarter	
11 days	<p>Chapter 7– Graphs and Linear Equations</p> <p>7.1 & 7.2 Graphing Ordered Pairs & Graphing Equations (1 day)</p> <p>7.3 Linear Equations and their graphs (1 day)</p> <p>7.4 Slope (1 day)</p> <p>7.5 Equations and Slope (2 days)</p> <p>7.6 Finding the equation of a line (2 days)</p> <p>7.8 Parallel and Perpendicular (2 days)</p> <p>Review/Assessment (2 days)</p>	<p>6.0, 7.0</p> <p>6.0</p> <p>7.0, 8.0</p> <p>6.0</p> <p>7.0</p> <p>8.0</p>
1 day	1st Semester Final Review	
2 days	1st semester Final Assessment (2 days)	
End of 2nd Quarter		
Time	Topics: Content & Assessment	CA Standard
48 instructional days	3 rd Quarter	
12 days	<p>Chapter 8 – System of Equations</p> <p>8.1 Solving System of Equations by graphing (1 day)</p> <p>8.2 Solving by Substitution/Elimination (2 days) <i>(introduce problems from 8.4, 8.5, and 10.8 in warm-ups)</i></p> <p>8.3 Solving by Addition (2 days)</p> <p>8.4 Using Systems of Equations (2 days)</p> <p>8.5 Motion Problems (2 days)</p> <p>10.8 Mixture Problems Day 2 (1 day)</p> <p>Review/Assessment (2 days)</p>	<p>9.0</p> <p>9.0</p> <p>9.0</p> <p>9.0</p> <p>15.0</p> <p>15.0</p>

Time	Topics: Content & Assessment	CA Standard
48 instructional days	3rd Quarter	
11 days	<p><i>Chapter 11 – Radical Expressions & Equations</i></p> <p>11.1 Real Numbers (1 day)</p> <p>11.3 Simplifying Radical Expressions (1 day)</p> <p>11.4 Multiplying Radical Expressions (1 day)</p> <p>11.5 Dividing and Simplifying (2 days)</p> <p>11.6 Addition and Subtraction (2 days)</p> <p>11.7/11.8 The Pythagorean Theorem (1 day)</p> <p>11.9 Equations with Radicals (1 day)</p> <p>Review/Assessment (2 days)</p>	<p>2.0, 25.1</p> <p>2.0</p> <p>2.0</p> <p>2.0</p> <p>1.0, 2.0</p> <p>2.0</p> <p>5.0</p>
7 days	<p><i>Chapter 12 – Relations and Functions</i></p> <p>12.1 Relations and Functions (1 day)</p> <p>12.2 Functions and Graphs (2 days)</p> <p>12.4 Quadratic Functions (2 days)</p> <p>Review/Assessment (2 days)</p>	<p>13.0, 16.0, 17.0, 18.0</p> <p>16.0, 17.0, 18.0</p> <p>21.0, 22.0</p>

Time	Topics: Content & Assessment	CA Standard
48 instructional days	3rd Quarter	
15 days	<p><i>Chapter 13 – Quadratic Equations</i></p> <p>13.1 Introduction to Quadratic Equations (1day) 13.2 More Solving Quadratic Equations (1 day) <i>(start introducing word problems from 13.7)</i> 13.3 Solving by Completing the Square (2 days) 13.4 Quadratic Formula (2 days) 13.6 Solving Radical Equations (2 days) 13.5 Solving Rational Equations (2 days) 13.7 Using Quadratic Equations (2 days)</p> <p>Review/Assessment (3 days)</p>	<p>14.0, 21.0 23.0</p> <p>14.0</p> <p>19, 20, 22</p> <p>14, 25</p> <p>13, 14, 20</p> <p>14, 20, 23</p>
3 days	<p><i>Chapter 9 – Inequalities</i></p> <p>9.1 Sets, Intersections and Unions (1 day) 9.2 Compound Sentences (1 day) 9.3 Equations and Absolute Value (1 day)</p>	<p>1.0</p> <p>5.0, 24.0</p> <p>3.0</p>

Time	Topics: Content & Assessment	CA Standard
46 instructional days	4th Quarter	
8 days	<p>Chapter 9 – Inequalities</p> <p>9.4 Inequalities & Absolute Value (2 days)</p> <p>9.5 Inequalities in Two Variables (2 days)</p> <p>9.6 Graphing Systems of Linear Inequalities (2 days)</p> <p>Review/Assessment (2 days)</p>	<p>3.0</p> <p>6.0</p> <p>9.0</p>
10 days	STAR TESTING	
8 days	<p>8.6 Digit and Coin Problems (2 days)</p> <p>10.10 Complex Rational Expressions (2 days)</p> <p>Chapter 12 – Relations and Functions</p> <p>12.3 Linear Functions (2 days)</p> <p>12.5 Direct Variation (1 day)</p> <p>12.6 Inverse Variation (1 day)</p>	<p>9.0</p> <p>13.0</p> <p>16.0</p> <p>15.0</p> <p>15.0</p>
7 days	<p>Geometry Preview:</p> <p>2.10 Number Properties and Proofs (1 day)</p> <p>7.9 Proofs</p> <p>Two Column Proofs (2 days)</p> <p>Pythagorean Theorem & Distance Formula (1 day)</p> <p>The Midpoint Formula (1 day)</p> <p>Review/Assessment (2 days)</p>	<p>1.0, 25.0</p> <p>25.0</p> <p>2.0 Geo 15.0</p> <p>Geo 17.0</p>
8 days	<p>Mixed Review</p> <p>1.9 Using Formulas (2 days)</p> <p>1.10 Try, Test, Revise Strategy (1 day)</p> <p>3.12 Make an Organized List Strategy (1 day)</p> <p>5.12 Make a Table, Look for a Pattern (1 day)</p> <p>7.7 Fitting Equations to Data (1 day)</p> <p>7.10 Simplify the Problem Strategy (1 day)</p> <p>10.12 Work Backwards Strategy (1 day)</p> <p>Review/Assessment (2 days)</p>	<p>5.0</p> <p>24.0</p> <p>24.0</p> <p>24.0</p> <p>7.0</p> <p>24.0, 24.1</p> <p>24.0</p>
5 days	<p>Review (3 days)</p> <p>End of the year Final exam (2 days)</p>	