

Time	Topics: Content & Assessment	CA Standard
<b>42 instructional days</b>	<b>1<sup>st</sup> Quarter</b>	
13 days	<p><b>Chapter 1 – Operations with Numbers</b></p> <p>Preliminary Class Activities/Set Up (2 days)</p> <p>1.2 Expressions and Variables (2 days)</p> <p>1.3 Powers and Exponents (2 days)</p> <p>1.4 Order of Operations (2 days)</p> <p>1.7 Commutative, Associative Properties (1 day)</p> <p>1.8 Distributive Property (2 days)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>NS 1.2, AF 1.3, 1.4</p> <p>AF 2, 2.1, MG/MR 2.1</p> <p>AF 1.2, 1.3</p> <p>AF 1.3, (MR 1.2, 2.6)</p> <p>AF 1.3, MG 2.1</p> <p>(MR 1.3, 2.4, 2.8)</p>
9 days	<p><b>Chapter 2 – Operations in Algebra</b></p> <p>2.2 Combining Like Terms (2 days)</p> <p>2.4 Translating Sentences into Equations (2 days)</p> <p>2.5 Solving Equations Using Addition or Subtraction (1 day)</p> <p>2.6 Solving Equations Using Multiplication or Division (1 day)</p> <p>2.8 Solving Inequalities (1 day)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>AF 1.3, 1.4</p> <p>AF 1.1</p> <p>AF 1.1, 1.3, 4.0</p> <p>AF 1.1, 1.3, 4.0 MR 2.5</p> <p>AF 4.0</p>
12 days	<p><b>Chapter 3 – Operations with Integers</b></p> <p>3.1 Integers and Absolute Value (1 day)</p> <p>3.2 Two Models to Add Integers (1 day)</p> <p>3.3 Using Rules to Add Integers (1 day)</p> <p>3.4 Subtracting Integers (2 days)</p> <p>3.5 Multiplying Integers (1 day)</p> <p>3.6 Dividing Integers (1 day)</p> <p>3.7 Solving Equations Involving Integers (1 day)</p> <p>3.8 Coordinate Plane (2 days)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>AF 1.5, NS 2.5</p> <p>NS 1.2</p> <p>NS 1.2, AF 1.3</p> <p>NS 1.2, AF 1.3</p> <p>NS 1.2, AF 2.1</p> <p>NS 1.2</p> <p>NS 1.7, AF 1.1, 4.0</p> <p>AF 1.5, MG 3.2</p>
8 days	<p><b>Chapter 4 – Algebra and Equation Solving (Part 1)</b></p> <p>4.1 Solving Two-Step Equations (2 days)</p> <p>4.2 Solving Multi-Step Equations (2 days)</p> <p>4.3 Solving Equations Involving Negative Coefficients (2 days)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>AF 4.1</p> <p>NS 1.7, AF 1.1, MG1.3</p> <p>AF 1.1, 4.1</p>
<b>End of 1<sup>st</sup> Quarter</b>		

NS- Number Sense

AF- Algebra and Functions

MG- Measurement and Geometry

MR- Mathematical Reasoning

SDP- Statistics, Data Analysis, and Probability

Time	Topics: Content & Assessment	CA Standard
<b>49 instructional days</b>	<b>2<sup>nd</sup> Quarter</b>	
11 days	<b>Rational Numbers (Part 1)</b> 5.1/5.2 Factoring Numbers and Greatest Common Factor (1 day) 5.4 Simplifying Fractions (1 day) 5.4 Comparing and Ordering Fractions (2 days) 6.3 Multiplying Fractions (1 day) 6.5 Dividing Fractions (2 days) 7.1 Ratios and Rates (2 days) <i>Review/Assessment (2 days)</i>	NS 1.2, AF 2.1 NS 2.4, AF 2.1 NS 2.2, AF 2.1 NS 1.2, AF 1.3 NS 1.2, MG 1.3 AF 4.2, MG 1.0 MG 1.1
8 days	<b>Chapter 4 – Algebra and Equation Solving (Part 2)</b> 4.4 Solving Equations Using the Distributive Property (2 days) 4.5 Solving Equations with Variables on Both Sides (2 days) 4.7 Solving Equations Involving Decimals (2 days) <i>Review/Assessment (2 days)</i>	AF 1.3, 4.2 AF 4.1, MG 2.1 NS 1.0, AF 4.1 (MR 2.7)
10 days	<b>Rational Numbers (Part 2)</b> 5.3 Least Common Multiple (Bubble Method) (1 day) 6.1/6.2 Adding and Subtracting Fractions (2 days) 6.6 Solving Equations With Rational Numbers (Clear Den.) (2 days) 7.2 Solving Proportions (2 days) 7.3 Scale Drawings (1 day) <i>Review/Assessment (2 days)</i>	NS 2.4 (g6) NS 2.2, AF 2.1 MG1.1, AF 4.1 AF 1.1, AF 4.0, MG 1.1, 1.2, 2.0
7 days	<b>Fractions, Decimals and Percents</b> * Introduction (1 day) 5.5 Fractions and Decimals (1 day) 5.7 Percents and Decimals (1 day) 5.7 Percents and Fractions (1 day) 7.4 Probability (1 day) <i>Review/Assessment (2 days)</i>	NS 1.3 NS 1.3, 1.4, 1.5 NS 1.3 NS 1.0, 1.3 NS 1.3
10 days	<b>Percents</b> 7.5 Solving Percent Problems (1 day) 7.6 Markup and Discount (1 day) • Word Problems (1 day) 7.7 Percent of Increase or Decrease (3 days) 7.8 Simple Interest (2 days) <i>Review/Assessment (2 days)</i>	NS 1.3, AF 4.1 NS 1.7 NS 1.3 NS 1.6 NS 1.3, 1.7
3 days	<b>Mid-Year Review and Assessment (3 days)/End of 2<sup>nd</sup> Quarter</b>	

NS- Number Sense

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Time	Topics: Content & Assessment	CA Standard
<b>46 instructional days</b>	<b>3<sup>rd</sup> Quarter</b>	
5 days	<p><b>Solving Inequalities</b></p> <p>9.6 Solving Inequalities Using Addition and Subtraction (1 day)                      9.7 Solving Inequalities Using Multiplication and Division (1 day)                      9.8 Solving Two-Step Inequalities (2 days)</p> <p><i>Assessment (1 day)</i></p>	<p>AF1.1, AF 4.0                      NS 1.7                      AF1.0 AF 4.0                      AF 4.1</p>
8 days	<p><b>2-Dimensional Geometry (Part 1)</b></p> <p>8.1 Points, Lines, and Planes (1 day)                      8.2 Naming, Measuring and Drawing Angles (2 days)                      8.3 Parallel and Perpendicular Lines (1 day)                      8.4 Triangles and Quadrilaterals (2 days)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>MG 3.1, 3.4,                      3.6                      MG 3.1, 3.4                      MG 3.1, 3.4                      MG 3.0, 3.1</p>
10 days	<p><b>Exponents, Square Roots and the Pythagorean Theorem</b></p> <p>6.7 Multiplying and Dividing Powers (1 day)                      6.8 Negative and Zero Exponents (2 days)                      6.9 Scientific Notation (1 day)                      9.1 Square Roots (2 days)                      9.3 Pythagorean Theorem (2 days)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>NS 2.3, AF 2.2                      NS 2.1, MG 1.3                      NS1.1, AF 2.1                      NS 2.4                      MG 3.3</p>
8 days	<p><b>2-Dimensional Geometry (Part 2)</b></p> <p>Perimeter of Polygons (1 day)                      8.6 Areas of Polygons (3 days)                      10.1 Circumference and Area of a Circle (2 days)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>AF 3.1 (g6)                      MG 2.1, 2.2                      MG 2.1, 3.1</p>
6 days	<p><b>Statistics</b></p> <p>5.8 Stem-and-Leaf Plots (1 day)                      3.9 Scatter Plots (1 day)</p> <p>4.8 Measures of Central Tendency (1 day)                      9.9 Box and Whisker Plots (1 day)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>SDP 1.1, 1.3                      AF3.R                      SDP 1.0, 1.2                      SDP 1.0, 1.1                      SDP 1.1, 1.3</p>

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9 days	<p><b>Graphing Linear Equations (Part 1)</b></p> <p>11.1 Functions (1 day)                  11.2 Linear Equations &amp; Linear Functions (2 days)                  11.3 Graphs of Linear Functions (2 days)                  11.4 Intercepts of Graphs (1 day)                  Linear Functions and the Graphing Calculator (1 day)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>AF 1.1, 3.0                  AF 1.0, 4.0                    AF 1.5, 3.0                  AF 1.5, 3.0</p>
<b>End of 3<sup>rd</sup> Quarter</b>		

Time	Topics: Content & Assessment	CA Standard
<b>43 instructional days</b>	<b>4<sup>th</sup> Quarter</b>	
9 days	<p><b>Graphing Linear Equations (Part 2)</b></p> <p>11.5 The Slope of a Line (2 days)                  11.6 The Slope-Intercept Form (2 days)                  12.6 Graphing <math>y = ax^2</math> and <math>y = ax^3</math> (2 days)                  Family of Functions and the Graphing Calculator (1 day)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>AF 3.3, MR 1.2                  AF 1.5, 3.3                  AF 3.1, 3.2</p>
7 days	<p><b>3 Dimensional Geometry</b></p> <p>10.2 Nets (1 day)                  10.3 Surface Areas of Prisms and Cylinders (2 days)                  10.4 Volume of Prism (1 day)                  10.5 Volume of Cylinder (1 day)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>MG 3.6                  MG 2.1                  MG 2.1, 2.3                  MG 1.1, 2.1</p>
7 days	<b>STAR Testing</b>	

<p>14 days</p>	<p><b>Chapter 12 – Polynomials</b></p> <p>12.1 Monomials and Powers (2 days)                  12.2 Polynomials in One Variable (2 days)</p> <p>12.3 Adding and Subtracting Polynomials (2 days)</p> <p>12.4 Multiplying a Monomial and a Polynomial (2 days)                  12.5 Multiplying Polynomials (2 days)</p> <p>12.7 Solving Polynomial Equations (2 days)</p> <p><i>Review/Assessment (2 days)</i></p>	<p>NS 2.3, AF 2.2                  AF 1.3,1.4,2.2,                  MR 3.3                  AF 1.3, 1.4,                  AF 2.1                  AF 1.3, 2.2                  AF 1.3, 2.2                  MR 2.5                  AF 1.5, 2.2</p>
<p>5 days</p>	<p><i>Final Review/Final Assessment (5 days)</i></p>	
<p>1 day</p>	<p><i>End of Year Completion Activities/End of 4<sup>th</sup> Quarter</i></p>	