

Month	Content	Skills	Assessment	Standards (as listed under 7 th grade Common Core)
September	Types of numbers and their uses Order of operations Powers of 10 Chapter 1, Sections 1-7	Reading and writing numbers Using order of operations to solve equations systematically Using grouping symbols within equations	Class work/Homework Order of Operations Quiz Powers of 10 Quiz Order of Operations Project	EE.1 EE.2 NS.3
October	Scientific notation Coordinate points Chapter 1, Sections 8-9	Rewriting numbers in scientific notation Plotting points on coordinate graphs	Class work/homework Scientific Notation Quiz Coordinate Points Quiz Chapter 1 Test Graphing Project	EE.2 SP.1
November	Introduction to variables and algebraic equations Chapter 2, Sections 1-4	Recognizing variable patterns Evaluating/translating algebraic equations	Class work/homework Algebraic Equation Quiz	EE.1 EE.2 EE.3 EE.4

<p>December</p>	<p>Pythagorean Theorem Open sentences Graphing inequalities Chapter 2, Sections 5-8</p>	<p>Understanding and using formulas to solve for unknown variables Using inequality symbols</p>	<p>Class work/homework Pythagorean Theorem Quiz Chapter 2 Test Pythagorean Theorem Project</p>	<p>RP.2 EE.3 EE.4b</p>
<p>January</p>	<p>Equal Fractions Adding/subtracting fractions Chapter 3, Sections 2-3</p>	<p>Comparing fractions Adding/subtracting fractions Converting fractions into decimals</p>	<p>Class work/homework Adding/Subtracting Fractions Quiz Equal Fractions Quiz Fractions in Real Life Project</p>	<p>RP.1 NS.1d EE.3</p>
<p>February</p>	<p>Decimals as numbers Decimal/fraction/percent Chapter 3, Section 1, 5-7</p>	<p>Using decimals to represent numbers Converting numbers to decimals, fractions, and percents Demonstrating real life uses of decimals, fractions, and percents</p>	<p>Class work/homework Fraction, Decimals, Percent Quiz Fractions, Decimals, Percent Project</p>	<p>RP.1 NS.3 EE.2</p>

<p>March</p>	<p>Square roots Probability Chapter 3, Sections 8-9</p>	<p>Calculating square roots Using probability to describe real life situations Determining likelihood using probability</p>	<p>Class work/homework Square Roots Quiz Probability Project</p>	<p>SP.5 SP.6 SP.7 SP.8</p>
<p>April</p>	<p>Properties of numbers Unions and intersections of sets Basic figures of geometry Chapter 4, Sections 1-5</p>	<p>Identifying properties of numbers Identifying intersections and unions of sets Identifying and creating basic geometrical figures</p>	<p>Class work/homework Basic Figures Quiz Properties/Sets Project</p>	<p>SP.1 SP.2 SP.3 SP.4 G.1 G.2</p>
<p>May</p>	<p>Classification of numbers and shapes</p>	<p>Classifying numbers and shapes Identifying elements of a good definition</p>	<p>Class work/homework Classification Quiz Classification Project</p>	<p>G.1</p>