

**Please Note:**

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**Publisher Resource:**

[Pearson](#) (select your grade and course level and use your active directory)

**Other Course Supplemental Resources:**

[Khan Academy](#) (6<sup>th</sup> Grade; does not support Internet Explorer)

[Illustrative Mathematics](#) (6<sup>th</sup> Grade; does not support Internet Explorer)

[Math Nation](#) (Clever – use your active directory; does not support Internet Explorer)

**FSA Portal**

[Grade 6 Mathematics Test Item Specifications](#)

[Grade 6 FSA Mathematics Paper-Based Practice Test](#)

[Grade 6 FSA Mathematics Paper-Based Practice Test Answer Key](#)

[PARCC \(Partnership for Assessment of Readiness for College and Careers\) - Mathematics Practice Tests with Answer Keys](#)

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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 9	1 8/10 – 8/14	<ul style="list-style-type: none"> <li>Lesson 1.1 – Add, Subtract and Multiply Decimals</li> <li>Lesson 1.2 – Divide Whole Numbers and Decimals</li> </ul>	Adding Decimals – <a href="#">Khan Academy</a> Subtracting Decimals – <a href="#">Khan Academy</a> Multiplying Decimals – <a href="#">Khan Academy</a>
	2 8/17 – 8/21	<ul style="list-style-type: none"> <li>Lesson 1.3 – Multiply Fractions</li> <li>Lesson 1.4 – Understand Division of Fractions</li> </ul>	Multiply Fractions - <a href="#">Khan Academy</a> Understand Division of Fractions - <a href="#">Khan Academy</a>
	3 8/24 – 8/28	<ul style="list-style-type: none"> <li>Lesson 1.5 – Divide Fractions by Fractions</li> <li>Lesson 1.6 – Divide Mixed Numbers</li> </ul>	Divide Fractions by Fractions - <a href="#">Khan Academy</a> Divide Mixed Numbers - <a href="#">Khan Academy</a>
	4 8/31 – 9/4	<ul style="list-style-type: none"> <li>Lesson 1.7 – Solve Problems with Rational Numbers</li> <li>Remediate</li> <li>Review</li> <li>Assess</li> </ul>	Rational Numbers Lesson – <a href="#">Khan Academy</a>
	5 9/7 – 9/11	<ul style="list-style-type: none"> <li>Labor Day Holiday – 9/7</li> <li>Lesson 2.1 – Understand Integers</li> <li>Lesson 2.2 – Represent Rational Numbers on the Number Line</li> </ul>	Integers and Opposites – <a href="#">Khan Academy</a> Rational Numbers & Number Lines – <a href="#">Khan Academy</a>
	6 9/14 – 9/18	<ul style="list-style-type: none"> <li>Lesson 2.3 – Absolute Values of Rational Numbers</li> <li>Lesson 2.4 – Represent Rational Numbers on the Coordinate Plane</li> </ul>	Interpreting Absolute Value - <a href="#">Khan Academy</a> Understanding Coordinate Planes - <a href="#">Khan Academy</a>
	7 9/21 – 9/25	<ul style="list-style-type: none"> <li>Lesson 2.5 – Find Distances on the Coordinate Plane</li> <li>Lesson 2.6 – Represent Polygons on the Coordinate Plane</li> </ul>	Creating Polygons on Coordinate Planes - <a href="#">Khan Academy</a>
	8 9/28 – 10/2	<ul style="list-style-type: none"> <li>Remediate</li> <li>Review</li> <li>Assess</li> <li>Lesson 3.1 Understand and Represent Exponents</li> </ul>	Introduction to Exponents - <a href="#">Khan Academy</a>
	9 10/5 – 10/9	<ul style="list-style-type: none"> <li>Lesson 3.1 Understand and Represent Exponents</li> <li>Lesson 3.2 – Find GCF and LCM</li> </ul>	Introduction to Exponents - <a href="#">Khan Academy</a> LCM – <a href="#">Khan Academy</a> GCF – <a href="#">Khan Academy</a> GCF and LCM - <a href="#">Khan Academy</a>

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Quarter 2 Oct 12 – Dec 18	1 10/12 – 10/16	<ul style="list-style-type: none"> <li>Teacher Planning Day 10/12</li> <li>Lesson 3.3 – Write and Evaluate Numerical Expressions</li> <li>Lesson 3.4 – Write Algebraic Expressions</li> </ul>	Constructing Numerical Expressions - <a href="#">Khan Academy</a> Write Algebraic Expressions – <a href="#">Khan Academy</a>
	2 10/19 – 10/23	<ul style="list-style-type: none"> <li>Lesson 3.5 – Evaluate Algebraic Expressions</li> <li>Lesson 3.6 – Generate Equivalent Expressions</li> </ul>	Evaluate Algebraic Expressions – <a href="#">Khan Academy</a> A Guide to Algebraic Expressions - <a href="#">Khan Academy</a> Equivalent Expressions – <a href="#">Khan Academy</a>
	3 10/26 – 10/30	<ul style="list-style-type: none"> <li>Lesson 3.7 – Simplify Algebraic Expressions</li> <li>Remediate</li> <li>Review</li> <li>Assess</li> </ul>	Simplify Algebraic Expressions – <a href="#">Khan Academy</a>
	4 11/2 – 11/6	<ul style="list-style-type: none"> <li>Lesson 5.1 – Understand Equations and Solutions</li> <li>Lesson 5.2 – Apply Properties of Equality</li> <li>Lesson 5.3 – Write and Solve Addition and Subtraction Equations</li> </ul>	Write and Solve One-Step Addition & Subtraction Equations - <a href="#">Khan Academy</a>
	5 11/9 – 11/13	<ul style="list-style-type: none"> <li>Veterans Day 11/11</li> <li>Lesson 5.4 – Write and Solve Multiplication and Division Equations</li> </ul>	Write and Solve One-Step Multiplication and Division Equations- <a href="#">Khan Academy</a>
	6 11/16 – 11/20	<ul style="list-style-type: none"> <li>Lesson 5.5 – Write and Solve Equations with Rational Numbers</li> <li>Lesson 5.6 – Understand and Write Inequalities</li> </ul>	Understand and Write Inequalities with Variables - <a href="#">Khan Academy</a>
	7 11/23 – 11/24	<ul style="list-style-type: none"> <li>Lesson 5.7 – Solve Inequalities</li> <li>Thanksgiving Holiday 11/25 - 11/27</li> </ul>	
	8 11/30 – 12/4	<ul style="list-style-type: none"> <li>Lesson 5.8 – Understand Dependent and Independent Variables</li> <li>Lesson 5.9 – Use Patterns to Write and Solve Equations</li> </ul>	Introduction to Understanding Dependent & Independent Variables - <a href="#">Khan Academy</a>
	9 12/7 – 12/11	<ul style="list-style-type: none"> <li>Lesson 5.10 – Relate Tables, Graphs, and Equations</li> <li>Remediate</li> <li>Review</li> <li>Assess</li> </ul>	Using Tables, Graphs, & Equations - <a href="#">Khan Academy</a>
	10 12/14 – 12/18	<ul style="list-style-type: none"> <li>Semester 1 Standards Review</li> </ul>	

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Quarter 3 Jan 5 – Mar 11	1 1/5– 1/8	<ul style="list-style-type: none"> <li>Lesson 6.1 – Understand Ratios</li> <li>Lesson 6.2 – Generate Equivalent Ratios</li> </ul>	Introduction to Ratios – <a href="#">Khan Academy</a> Equivalent Ratios – <a href="#">Khan Academy</a>
	2 1/11 – 1/15	<ul style="list-style-type: none"> <li>Lesson 6.3 – Compare Ratios</li> <li>Lesson 6.4 – Represent and Graph Ratios</li> </ul>	Solving Ratio Problems With Graph – <a href="#">Khan Academy</a>
	3 1/18 – 1/22	<ul style="list-style-type: none"> <li>Martin Luther King Jr. Holiday 1/18</li> <li>Lesson 6.5 – Understand Rates and Unit Rates</li> <li>Lesson 6.6 – Compare Unit Rates</li> </ul>	Introduction to Rates – <a href="#">Khan Academy</a>
	4 1/25 – 1/29	<ul style="list-style-type: none"> <li>Lesson 6.7 – Solve Unit Rate Problems</li> <li>Lesson 6.8 – Ratio Reasoning: Convert Customary Units</li> <li>Teacher Inservice 1/29</li> </ul>	Solving Unit Rate Problems – <a href="#">Khan Academy</a>
	5 2/1 – 2/5	<ul style="list-style-type: none"> <li>Remediate</li> <li>Review</li> <li>Assess</li> </ul>	Ratio Review – <a href="#">Khan Academy</a>
	6 2/8 – 2/12	<ul style="list-style-type: none"> <li>Lesson 8.1 – Understand Percent</li> <li>Lesson 8.2 – Relate Fractions, Decimals, and Percents</li> </ul>	Understanding Percent – <a href="#">Khan Academy</a> Ratios, Rates, and Percentages – <a href="#">Khan Academy</a> Percents, Fractions, and Decimals – <a href="#">Khan Academy</a>
	7 2/15 – 2/19	<ul style="list-style-type: none"> <li>Presidents Day Holiday 2/15</li> <li>Lesson 8.3 – Represent Percents Greater Than 100 or Less Than 1</li> <li>Lesson 8.4 – Estimate to Find Percent</li> <li>Lesson 8.5 – Find the Percent of a Number</li> </ul>	
	8 2/22 – 2/26	<ul style="list-style-type: none"> <li>Lesson 8.6 – Find a Whole Given a Part and a Percent</li> <li>Remediate</li> <li>Review</li> </ul>	Solving Percent Problems – <a href="#">Khan Academy</a>
	9 3/1 – 3/5	<ul style="list-style-type: none"> <li>Assess</li> <li>Lesson 11.1 – Find Areas of Parallelograms and Rhombuses</li> <li>Lesson 11.2 – Solve Triangle Area Problems</li> </ul>	Area of Parallelograms – <a href="#">Khan Academy</a> Area of Triangles – <a href="#">Khan Academy</a>
	10 3/8 – 3/11	<ul style="list-style-type: none"> <li>Lesson 11.3 – Find Areas of Trapezoids and Kites</li> <li>Lesson 11.4 – Find Areas of Polygons</li> </ul>	Area of Trapezoids - <a href="#">Khan Academy</a> Area of Composite Figures – <a href="#">Khan Academy</a>

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Quarter 4 Mar 15 – May 25	1 3/15 – 3/19	<ul style="list-style-type: none"> <li>• <b>SPRING BREAK – NO SCHOOL</b></li> </ul>	
	2 3/22 – 3/26	<ul style="list-style-type: none"> <li>• Lesson 11.5 – Represent Solid Figures Using Nets</li> <li>• Lesson 11.6 – Find Surface Areas of Prisms</li> </ul>	Nets and Surface Area – <a href="#">Khan Academy</a> Find Surface Area of Prisms- <a href="#">Khan Academy</a>
	3 3/29 – 4/2	<ul style="list-style-type: none"> <li>• Lesson 11.7 – Find Surface Area of Pyramids</li> <li>• Lesson 11.8 - Find Volume with Fractional Edge Lengths</li> <li>• Holiday 4/2</li> </ul>	Determine Surface Area (Practice) - <a href="#">Khan Academy</a> Volume – <a href="#">Khan Academy</a>
	4 4/5 – 4/9	<ul style="list-style-type: none"> <li>• Remediate</li> <li>• Review</li> <li>• Assess</li> </ul>	
	5 4/12 – 4/16	<ul style="list-style-type: none"> <li>• Lesson 12.1 – Recognize Statistical Questions</li> <li>• Lesson 12.2 – Summarize Data Using Mean, Median, Mode and Range</li> <li>• Lesson 12.3 – Display Data in Box Plots</li> </ul>	Statistical Questions – <a href="#">Khan Academy</a> Mean, Median, Mode- <a href="#">Khan Academy</a> Dot Plots and Distribution– <a href="#">Khan Academy</a> Box Plots – <a href="#">Khan Academy</a>
	6 4/19 – 4/23	<ul style="list-style-type: none"> <li>• Lesson 12.4 – Display Data in Frequency Tables and Histograms</li> <li>• Lesson 12.5 – Summarize Data Using Measures of Variability</li> <li>• Lesson 12.6 – Choose Appropriate Statistical Measures</li> </ul>	Histograms – <a href="#">Khan Academy</a> Measures of Variability– <a href="#">Khan Academy</a> Describing Data – <a href="#">Khan Academy</a>
	7 4/26 – 4/30	<ul style="list-style-type: none"> <li>• Lesson 12.7 – Summarize Data Distributions</li> <li>• Remediate</li> <li>• Review</li> <li>• Assess</li> </ul>	
	8 5/3 – 5/7	<ul style="list-style-type: none"> <li>• Standards Review</li> </ul>	
	9 5/10 – 5/14	<ul style="list-style-type: none"> <li>• Standards Review</li> </ul>	
	10 5/17 – 5/21	<ul style="list-style-type: none"> <li>• Standards Review</li> </ul>	
	11 5/24 – 5/25	<ul style="list-style-type: none"> <li>• Standards Review</li> </ul>	

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