

**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 16 – Oct 15	1 8/16 – 8/20	<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>	Dividing Whole Numbers – <a href="#">Khan Academy</a> Dividing to get Decimals – <a href="#">Khan Academy</a> Adding Decimals - <a href="#">Khan Academy</a> Subtracting Decimals - <a href="#">Khan Academy</a> Multiplying Decimals - <a href="#">Khan Academy</a>
	2 8/23 – 8/27	<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> (5.NF.B.4) Understand Division of Fractions - <a href="#">Khan Academy</a>
	3 8/30 – 9/3	<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 9/6 – 9/10	<ul style="list-style-type: none"> <li>Labor Day Holiday – 9/6</li> <li>Lesson 1.7 – Solve Problems with Rational Numbers</li> <li>Remediation</li> </ul>	Rational Numbers Unit - <a href="#">Khan Academy</a>
	5 9/13 – 9/17	<ul style="list-style-type: none"> <li>Interims Issued – 9/14</li> <li>Review</li> <li>Assessment</li> <li>Lesson 2.1 – Understand Integers</li> </ul>	Integers and Opposites - <a href="#">Khan Academy</a>
	6 9/20 – 9/24	<ul style="list-style-type: none"> <li>Lesson 2.2 – Represent Rational Numbers on the Number Line</li> <li>Lesson 2.3 – Absolute Values of Rational Numbers</li> </ul>	Rational Numbers and Number Lines - <a href="#">Khan Academy</a> Interpreting Absolute Value - <a href="#">Khan Academy</a>
	7 9/27 – 10/1	<ul style="list-style-type: none"> <li>Lesson 2.4 – Represent Rational Numbers on the Coordinate Plane</li> <li>Lesson 2.5 – Find Distances on the Coordinate Plane</li> </ul>	Understanding Coordinate Planes - <a href="#">Khan Academy</a> Graphing on the Coordinate Plane – <a href="#">Khan Academy</a>
	8 10/4 – 10/8	<ul style="list-style-type: none"> <li>Lesson 2.6 – Represent Polygons on the Coordinate Plane</li> <li>Remediate</li> <li>Review</li> </ul>	Creating Polygons on Coordinate Planes - <a href="#">Khan Academy</a>
	9 10/11 – 10/15	<ul style="list-style-type: none"> <li>PSAT/NMSQT – 10/13</li> <li>Assess</li> <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 word problems - <a href="#">Khan Academy</a>

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Quarter 2 Oct 18 – Dec 21	1 10/18 – 10/22	<ul style="list-style-type: none"> <li>Teacher Planning Day – 10/18</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> (5.OA.A.1/2) Write Algebraic Expressions – <a href="#">Khan Academy</a>
	2 10/25 – 10/29	<ul style="list-style-type: none"> <li>Report Cards – 10/26</li> <li>Lesson 3.5 – Evaluate Algebraic Expressions</li> <li>Lesson 3.6 – Generate Equivalent Expressions</li> </ul>	A Guide to Algebraic Expressions - <a href="#">Khan Academy</a> Evaluate Algebraic Expressions – <a href="#">Khan Academy</a> Equivalent Expressions – <a href="#">Khan Academy</a>
	3 11/1 – 11/5	<ul style="list-style-type: none"> <li>Lesson 3.7 – Simplify Algebraic Expressions</li> <li>Remediate</li> <li>Review</li> </ul>	Simplify Algebraic Expressions – <a href="#">Khan Academy</a>
	4 11/8 – 11/12	<ul style="list-style-type: none"> <li>Veterans Day 11/11</li> <li>Assess</li> <li>Lesson 5.1 – Understand Equations and Solutions</li> </ul>	Representing a Relationship with an Equation - <a href="#">Khan Academy</a>
	5 11/15 – 11/19	<ul style="list-style-type: none"> <li>Interims Issued – 11/16</li> <li>Lesson 5.2 – Apply Properties of Equality</li> <li>Lesson 5.3 – Write and Solve Addition and Subtraction Equations</li> </ul>	Balancing Both Sides - <a href="#">Khan Academy</a> Write and Solve One-Step Addition & Subtraction Equations - <a href="#">Khan Academy</a>
	6 11/22 – 11/26	<ul style="list-style-type: none"> <li>Thanksgiving Holiday 11/24 – 11/26</li> <li>Lesson 5.4 – Write and Solve Multiplication and Division Equations</li> <li>Lesson 5.5 – Write and Solve Equations with Rational Numbers</li> </ul>	One step Multiplication Equations - <a href="#">Khan Academy</a> One Step Division Equations - <a href="#">Khan Academy</a> One step multiplication and division equations: fractions and decimals - <a href="#">Khan Academy</a>
	7 11/29 – 12/3	<ul style="list-style-type: none"> <li>Lesson 5.6 – Understand and Write Inequalities</li> <li>Lesson 5.7 – Solve Inequalities</li> </ul>	Plotting Inequalities on a Number Line - <a href="#">Khan Academy</a> One step Inequalities with addition - <a href="#">Khan Academy</a> Testing solutions to Inequalities - <a href="#">Khan Academy</a>

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			Solving Inequalities word problems - <a href="#">Khan Academy</a>
8 12/6 – 12/10	<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 12/13 – 12/17	<ul style="list-style-type: none"> <li>Lesson 5.10 – Relate Tables, Graphs, and Equations</li> <li>Remediate</li> <li>Review</li> </ul>		Modeling with tables, graphs and equations - <a href="#">Khan Academy</a>
10 12/20 – 12/24	<ul style="list-style-type: none"> <li>Second Quarter/First Semester Ends – 12/21</li> <li>Winter Break – 12/22 – ¼</li> <li>Assess</li> </ul>		

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Quarter 3 Jan 6 – Mar 10	1 1/5 – 1/7	<ul style="list-style-type: none"> <li>Teacher Planning – 1/5</li> <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 1/10 – 1/14	<ul style="list-style-type: none"> <li>Lesson 6.3 – Compare Ratios</li> <li>Lesson 6.4 – Represent and Graph Ratios</li> </ul>	Ratios and double number lines - <a href="#">Khan Academy</a> Solving Ratio Problems with Graphs - <a href="#">Khan Academy</a>
	3 1/17 – 1/21	<ul style="list-style-type: none"> <li>Martin Luther King Jr. Holiday – 1/17</li> <li>Report Cards – 1/19</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> Comparing Rates - <a href="#">Khan Academy</a>
	4 1/24 – 1/28	<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> </ul>	Solving Unit Rate Problems - <a href="#">Khan Academy</a> Ratios in the Real World Practice - <a href="#">Khan Academy</a>
	5 1/31 – 2/4	<ul style="list-style-type: none"> <li>Remediate</li> <li>Review</li> <li>Assess</li> </ul>	Proportional Relationships - <a href="#">Khan Academy</a>
	6 2/7 – 2/11	<ul style="list-style-type: none"> <li>Teacher Inservice – 2/7</li> <li>Interims Issued – 2/8</li> <li>Assess</li> <li>Lesson 8.1 – Understand Percent</li> <li>Lesson 8.2 – Relate Fractions, Decimals, and Percents</li> </ul>	Understanding Percents - <a href="#">Khan Academy</a> Ratios, Rates, and Percentages Unit - <a href="#">Khan Academy</a> Percents, Fractions, and Decimals - <a href="#">Khan Academy</a>
	7 2/14 – 2/18	<ul style="list-style-type: none"> <li>Lesson 8.3 – Represent Percents Greater Than 100 or Less Than 1</li> <li>Lesson 8.4 – Estimate to Find Percent</li> </ul>	Percent over 100 - <a href="#">Khan Academy</a> Solving Percent Problems - <a href="#">Khan Academy</a>
	8 2/21 – 2/25	<ul style="list-style-type: none"> <li>Presidents Day Holiday – 2/21</li> <li>Lesson 8.5 – Find the Percent of a Number</li> <li>Lesson 8.6 – Find a Whole Given a Part and a Percent</li> </ul>	Solving Percent Word Problems - <a href="#">Khan Academy</a>
	9 2/28 – 3/4	<ul style="list-style-type: none"> <li>Remediate/Review</li> <li>Assess</li> <li>Lesson 11.1 – Find Areas of Parallelograms and Rhombuses</li> </ul>	Area of Parallelograms - <a href="#">Khan Academy</a>
	10 3/7 – 3/11	<ul style="list-style-type: none"> <li>Teacher Planning Day – 3/11</li> <li>Lesson 11.2 – Solve Triangle Area Problems</li> </ul>	Area of Triangles - <a href="#">Khan Academy</a> Area of Trapezoids - <a href="#">Khan Academy</a>

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		<ul style="list-style-type: none"><li>• Lesson 11.3 – Find Areas of Trapezoids and Kites</li></ul>	
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Quarter 4 Mar 14 – June 2	1 3/14 – 3/18	<ul style="list-style-type: none"> <li>• <b>SPRING BREAK – NO SCHOOL</b></li> </ul>	
	2 3/21 – 3/25	<ul style="list-style-type: none"> <li>• Lesson 11.4 – Find Areas of Polygons</li> <li>• Lesson 11.5 – Represent Solid Figures Using Nets</li> </ul>	Area of Composite Figures - <a href="#">Khan Academy</a> Nets and Surface Area - <a href="#">Khan Academy</a> Find Surface Area using a net - <a href="#">Khan Academy</a>
	3 3/28 – 4/1	<ul style="list-style-type: none"> <li>• Report Cards – 3/29</li> <li>• Lesson 11.6 – Find Surface Areas of Prisms</li> <li>• Lesson 11.7 – Find Surface Area of Pyramids</li> </ul>	Surface Area of a box - <a href="#">Khan Academy</a>
	4 4/4 – 4/8	<ul style="list-style-type: none"> <li>• Lesson 11.8 - Find Volume with Fractional Edge Lengths</li> <li>• Remediate</li> <li>• Review</li> </ul>	Volume with Fractional Cubes - <a href="#">Khan Academy</a>
	5 4/11 – 4/15	<ul style="list-style-type: none"> <li>• Holiday – 4/15</li> <li>• Assess</li> </ul>	Statistical Questions - <a href="#">Khan Academy</a>
	6 4/18 – 4/22	<ul style="list-style-type: none"> <li>• Holiday – 4/18</li> <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>	Mean, Median, Mode - <a href="#">Khan Academy</a> Reading Box Plots - <a href="#">Khan Academy</a> Constructing Box Plots - <a href="#">Khan Academy</a>
	7 4/25 – 4/29	<ul style="list-style-type: none"> <li>• Interims Issued – 4/26</li> <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> MAD - <a href="#">Khan Academy</a> Shapes of Distribution - <a href="#">Khan Academy</a> Comparing Dot Plots, Histogram, and Box Plots - <a href="#">Khan Academy</a>
	8 5/2 – 5/6	<ul style="list-style-type: none"> <li>• Lesson 12.7 – Summarize Data Distributions</li> <li>• Remediate/Review</li> </ul>	

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	9 5/9 – 5/13	<ul style="list-style-type: none"> <li>• Assess</li> <li>• Standards Review</li> </ul>	
	10 5/16 – 5/20	<ul style="list-style-type: none"> <li>• Standards Review</li> </ul>	
	11 5/23 – 5/27	<ul style="list-style-type: none"> <li>• Standards Review</li> </ul>	
	12 5/30 – 6/2	<ul style="list-style-type: none"> <li>• Memorial Day Holiday – 5/30</li> <li>• Standards Review</li> </ul>	

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