

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](#) (6th Grade; does not support Internet Explorer)

[Illustrative Mathematics](#) (6th 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"> Lesson 1-1 : Fluently Add, Subtract and Multiply decimals Lesson 1-2 : Fluently Divide Whole Numbers and Decimals Lesson 1-3 : Fluently Multiply Fractions 	Dividing Whole Numbers – Khan Academy Dividing Decimals – Khan Academy Adding Decimals – Khan Academy Subtracting Decimals – Khan Academy Multiply Fractions – Khan Academy
	2 8/17 – 8/21	<ul style="list-style-type: none"> Lesson 1-4 : Understand Division with Fractions Lesson 1-5 : Divide Fractions by Fractions Lesson 1-6 : Divide Mixed Numbers 	Dividing Fractions – Khan Academy Dividing Mixed Numbers – Khan Academy
	3 8/24 – 8/28	<ul style="list-style-type: none"> Lesson 1-7 : Solve Problems with Rational Numbers Remediation/Review Assessment 	Rational Numbers Lesson – Khan Academy
	4 8/31 – 9/4	<ul style="list-style-type: none"> Lesson 2-1 : Understand Integers Lesson 2-2 : Represent Rational Numbers on the Number Line Lesson 2-3 : Absolute Values of Rational Numbers 	Integers and Opposites – Khan Academy Comparing and Ordering Integers – Khan Academy Absolute Value – Khan Academy
	5 9/7 – 9/11	<ul style="list-style-type: none"> Labor Day Holiday – 9/7 Lesson 2-4 : Represent Rational Numbers on the Coordinate Plane Lesson 2-5: Find the Distances on the Coordinate Plane Lesson 2-6: Represent Polygons on the Coordinate Plane 	Graphing on the Coordinate Plane – Khan Academy Distance in the Coordinate Plane – Khan Academy Polygons in the Coordinate Plane – Khan Academy
	6 9/14 – 9/18	<ul style="list-style-type: none"> Remediation/Review Assessment Lesson 3-1 : Understand and Represent Exponents Lesson 3-2 : Find Greatest Common Factor and Least Common Multiple 	Exponents – Khan Academy Greatest Common Factor – Khan Academy Least Common Multiple – Khan Academy
	7 9/21 – 9/25	<ul style="list-style-type: none"> Lesson 3-3 : Write and Evaluate Numerical Expressions Lesson 3-4: Write Algebraic Expressions Lesson 3-5 : Evaluate Algebraic Expressions 	Modeling and Writing Expressions – Khan Academy Evaluating Expressions – Khan Academy
	8 9/28 – 10/2	<ul style="list-style-type: none"> Lesson 3-6 : Generate Equivalent Expressions Lesson 3-7 : Simplify Algebraic Expressions Remediation/Review Assessment 	Equivalent Expressions – Khan Academy

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	<p>9 10/5 – 10/9</p>	<ul style="list-style-type: none"> • Lesson 4-1: Relate Integers and Their Opposites • Lesson 4-2 : Understand Rational Numbers • Lesson 4-3: Add Integers • Lesson 4-4: Subtract Integers 	<p>Integers and Their Opposites – Khan Academy</p> <p>Adding Integers – Khan Academy</p> <p>Subtracting Integers – Khan Academy</p>
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Quarter 2 Oct 12 – Dec 18	1 10/12 – 10/16	<ul style="list-style-type: none"> Teacher Planning Day 10/12 Lesson 4-5 : Add and Subtract Rational Numbers Lesson 4-6 : Multiply Integers Lesson 4-7 : Multiply Rational Numbers Lesson 4-8 : Divide Integers 	Add/Subtract Rational Numbers – Khan Academy Multiplying Integers – Khan Academy Multiplying Rational Numbers – Khan Academy Dividing Integers – Khan Academy
	2 10/19 – 10/23	<ul style="list-style-type: none"> Lesson 4-9 : Divide Rational Numbers Lesson 4-10 : Solve Problems with Rational Numbers Remediation/Review Assessment Lesson 5-1 : Understand Equations and Solutions 	Dividing Rational Numbers – Khan Academy Solve Problems With Rational Numbers – Khan Academy Introduction to equations – Khan Academy
	3 10/26 – 10/30	<ul style="list-style-type: none"> Lesson 5-2 : Apply Properties of Equality Lesson 5-3 : Write and Solve Addition and Subtraction Equations Lesson 5-4 : Write and Solve Multiplication and Division Equations Lesson 5-5: Write and Solve Equations with Rational Numbers 	Write and Solve Addition and Subtraction Equations – Khan Academy Write and Solve Multiplication and Division Equations – Khan Academy
	4 11/2 – 11/6	<ul style="list-style-type: none"> Lesson 5-6 : Understand and Write Inequalities Lesson 5-7 : Solve Inequalities Lesson 5-8: Understand Dependent and Independent Variables Lesson 5-9: Use Patterns to Write and Solve Equations 	Introduction to Inequalities With Variables – Khan Academy Solving Inequalities – Khan Academy Dependent and Independent Variables – Khan Academy Number Patterns – Khan Academy
	5 11/9 – 11/13	<ul style="list-style-type: none"> Veterans Day 11/11 Lesson 5-10 : Relate Tables, Graphs, and Equations Remediation/Review Assessment Lesson 6-1: Understand Ratios 	Relate Data Tables, Graphs, and Equations – Khan Academy Introduction to Ratios – Khan Academy
	6 11/16 – 11/20	<ul style="list-style-type: none"> Lesson 6-2: Generate Equivalent Ratios Lesson 6-3 : Compare Ratios Lesson 6-4 : Represent and Graph Ratios 	

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7 11/23 – 11/24	<ul style="list-style-type: none"> Lesson 6-5 : Understand Rates and Unit Rates Thanksgiving Holiday 11/27 - 11/29 	Equivalent Ratios – Khan Academy Ratio Review – Khan Academy
8 11/30 – 12/4	<ul style="list-style-type: none"> Lesson 6-6 : Compare Unit Rates Lesson 6-7: Solve Unit Rate Problems Lesson 6-8 : Ratio Reasoning: Convert Customary Units 	Visualize Ratios – Khan Academy Introduction to Rates – Khan Academy Solving Unit Rate Problem – Khan Academy
9 12/7 – 12/11	<ul style="list-style-type: none"> Remediation Review 	
10 12/14 – 12/18	<ul style="list-style-type: none"> Semester 1 Standards Review 	

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Quarter 3 Jan 5 – Mar 11	1 1/5– 1/8	<ul style="list-style-type: none"> Remediation Review Assessment 	
	2 1/11 – 1/15	<ul style="list-style-type: none"> Lesson 7-1: Connect Ratios, Rates, and Unit Rates Lesson 7-2: Determine Unit Rates with Ratios of Fractions Lesson 7-3: Understand Proportional Relationships: Equivalent Ratios Lesson 7-4: Describe Proportional Relationships; Constant of Proportionality 	Connect Ratios, Rates, and Unit Rates – Khan Academy Constant of Proportionality – Khan Academy Determine Constant of Proportionality Graphically – Khan Academy
	3 1/18 – 1/22	<ul style="list-style-type: none"> Martin Luther King Jr. Holiday 1/18 Lesson 7-5: Graph Proportional Relationships Lesson 7-6: Apply Proportional Reasoning to Solve Problems Remediation/Review 	
	4 1/25 – 1/29	<ul style="list-style-type: none"> Assessment Lesson 8-1: Understanding Percent Lesson 8-2: Relate Fractions, Decimals, and Percents Lesson 8-3: Represent Percents greater than 100 or less than 1 Teacher Inservice 1/29 	Understanding Percent – Khan Academy Percent, Fraction, and Decimal Connection – Khan Academy Percent, Fractions, and Decimals – Khan Academy Solving Percent Problems – Khan Academy
	5 2/1 – 2/5	<ul style="list-style-type: none"> Lesson 8-4: Estimate to Find Percent Lesson 8-5: Find the Percent of a Number Lesson 8-6: Find the Whole Given a Part and the Percent 	Represent and Use Percent Equation – Khan Academy
	6 2/8 – 2/12	<ul style="list-style-type: none"> Remediation/Review Assessment Topic 9-1: Analyze Percents of Numbers Topic 9-2: Connect Percent and Proportion 	
	7 2/15 – 2/19	<ul style="list-style-type: none"> Presidents Day Holiday 2/15 Topic 9-3: Represent and Use the Percent Equation Topic 9-4: Solve Percent Change and Percent Error Problems 	Solve Percent Change Problems – Khan Academy

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	8 2/22 – 2/26	<ul style="list-style-type: none"> • Topic 9-5: Solve Markup and Markdown Problems • Topic 9-6: Solve Simple Interest Problems • Remediation/Review 	Solve Markup and Markdown Problems – Khan Academy Solve Simple Interest Problems – Khan Academy
	9 3/1 – 3/5	<ul style="list-style-type: none"> • Assessment • Topic 10-1: Write and Evaluate Algebraic Expressions • Topic 10-2: Generate Equivalent Expressions • Topic 10-3: Simplify Expressions 	Writing Algebraic Expressions – Khan Academy Evaluating Algebraic Expressions – Khan Academy Equivalent Expressions – Khan Academy
	10 3/8 – 3/11	<ul style="list-style-type: none"> • Topic 10-4 Expand Expressions • Topic 10-5: Factor Expressions • Topic 10-6: Add Expressions 	Simplifying Algebraic Expressions – Khan Academy Simplifying expressions Add/Subtract – Khan Academy

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Quarter 4 Mar 15 – May 25	1 3/15 – 3/19	<ul style="list-style-type: none"> • SPRING BREAK – NO SCHOOL 	
	2 3/22 – 3/26	<ul style="list-style-type: none"> • Topic 10-7: Subtract Expressions • Topic 10-8: Analyze Equivalent Expressions • Remediation/Review • Assessment 	Simplifying expressions Add/Subtract – Khan Academy Analyze Equivalent Expressions – Khan Academy
	3 3/29 – 4/2	<ul style="list-style-type: none"> • Topic 11-1: Find the Areas of Parallelograms and Rhombuses • Topic 11-2: Solve Triangle Area Problems • Topic 11-3: Find areas of Trapezoids and Kites • Holiday 4/2 	Area of Parallelograms – Khan Academy Area of Triangles– Khan Academy Area of Polygons – Khan Academy
	4 4/5 – 4/9	<ul style="list-style-type: none"> • Topic 11-4: Find Areas of Polygons • Topic 11-5: Represent Solid Figures Using Nets • Topic 11-6: Find Surface Area of Prisms 	Nets and Surface Area – Khan Academy
	5 4/12 – 4/16	<ul style="list-style-type: none"> • Topic 11-7: Find Surface Areas of Pyramids • Topic 11-8: Find Volume with Fractional Edge Lengths • Remediation/Review • Assessment 	Volume – Khan Academy
	6 4/19 – 4/23	<ul style="list-style-type: none"> • Topic 12-1: Recognize Statistical Questions • Topic 12-2: Summarize Data Using Mean, Median, Mode, and Range • Topic 12-3: Display Data in Box Plots • Topic 12-4: Display Data in Frequency Tables and Histograms 	Statistical Questions – Khan Academy Mean, Median, Mode– Khan Academy Dot Plots and Distribution– Khan Academy Box Plots – Khan Academy Histograms – Khan Academy
	7 4/26 – 4/30	<ul style="list-style-type: none"> • Topic 12-5: Summarize Data Using Measures of Variability • Topic 12-6: Choose Appropriate Statistical Measures • Topic 12-7: Summarize Data Distributions • Remediation/Review • Assessment 	Measures of Variability– Khan Academy Describing Data – Khan Academy
	8 5/3 – 5/7	<ul style="list-style-type: none"> • Standards Review 	

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	9 5/10 – 5/14	<ul style="list-style-type: none">Standards Review	
	10 5/17 – 5/21	<ul style="list-style-type: none">Standards Review	
	11 5/24 – 5/25	<ul style="list-style-type: none">Standards Review	

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