

Please Note:

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Teachers may use a wide variety of instructional materials throughout their course. The Possible Resources listed may include the district adopted instructional resource or supplemental resources that align to the topic and/or standard. These Possible Resources provide sample problems that align to the topic/standard.

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 16 – Oct 15	1 8/16 – 8/20	<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 to get Decimals – Khan Academy Adding Decimals - Khan Academy Subtracting Decimals - Khan Academy Multiplying Decimals - Khan Academy
	2 8/23 – 8/27	<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 	Understand Division of Fractions - Khan Academy Divide Fractions by Fractions - Khan Academy Divide Mixed Numbers - Khan Academy
	3 8/30 – 9/3	<ul style="list-style-type: none"> Lesson 1-7 : Solve Problems with Rational Numbers Remediation/Review Assessment 	Rational Numbers Unit - Khan Academy
	4 9/6 – 9/10	<ul style="list-style-type: none"> Labor Day Holiday – 9/6 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 Rational Numbers and Number Lines - Khan Academy Interpreting Absolute Value - Khan Academy
	5 9/13 – 9/17	<ul style="list-style-type: none"> Interims Issued – 9/14 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 	Understanding Coordinate Planes - Khan Academy Graphing on the Coordinate Plane – Khan Academy Creating Polygons on Coordinate Planes - Khan Academy
	6 9/20 – 9/24	<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 	Introduction to Exponents - Khan Academy Greatest Common Factor – Khan Academy Least Common Multiple – Khan Academy
	7 9/27 – 10/1	<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 	Writing Expressions – Khan Academy Evaluating Expressions – Khan Academy A Guide to Algebraic Expressions - Khan Academy

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	8 10/4 – 10/8	<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 Simplify Algebraic Expressions – Khan Academy
	9 10/11 – 10/15	<ul style="list-style-type: none"> • PSAT/NMSQT – 10/13 • Lesson 4-1: Relate Integers and Their Opposites • Lesson 4-2 : Understand Rational Numbers • Lesson 4-3: Add Integers • Lesson 4-4: Subtract Integers 	Integers and Opposites - Khan Academy Rational Numbers Unit - Khan Academy Adding Integers – Khan Academy Subtracting Integers – Khan Academy

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Quarter 2 Oct 18 – Dec 21	1 10/18 – 10/22	<ul style="list-style-type: none"> Teacher Planning Day – 10/18 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 10/25 – 10/29	<ul style="list-style-type: none"> Report Cards – 10/26 Lesson 4-9 : Divide Rational Numbers Lesson 4-10 : Solve Problems with Rational Numbers Remediation/Review Assessment 	Solve Problems With Rational Numbers – Khan Academy Introduction to equations – Khan Academy
	3 11/1 – 11/5	<ul style="list-style-type: none"> Lesson 5-1 : Understand Equations and Solutions 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 	Balancing Both Sides - Khan Academy Write and Solve One-Step Addition & Subtraction Equations - Khan Academy One step Multiplication Equations - Khan Academy One Step Division Equations - Khan Academy One step multiplication and division equations: fractions and decimals - Khan Academy
	4 11/8 – 11/12	<ul style="list-style-type: none"> Veterans Day 11/11 Lesson 5-5: Write and Solve Equations with Rational Numbers Lesson 5-6 : Understand and Write Inequalities Lesson 5-7 : Solve Inequalities Lesson 5-8: Understand Dependent and Independent Variables 	Plotting Inequalities on a Number Line - Khan Academy One step Inequalities with addition - Khan Academy Testing solutions to Inequalities - Khan Academy Solving Inequalities word problems - Khan Academy
	5 11/15 – 11/19	<ul style="list-style-type: none"> Interims Issued – 11/16 Lesson 5-9: Use Patterns to Write and Solve Equations Lesson 5-10 : Relate Tables, Graphs, and Equations 	Dependent and Independent Variables – Khan Academy Number Patterns – Khan Academy

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		<ul style="list-style-type: none"> Remediate/Review Assessment 	Modeling with tables, graphs and equations - Khan Academy
6 11/22 – 11/26		<ul style="list-style-type: none"> Thanksgiving Holiday 11/24 – 11/26 	
7 11/29 – 12/3		<ul style="list-style-type: none"> Lesson 6-1: Understand Ratios Lesson 6-2: Generate Equivalent Ratios 	Introduction to Ratios – Khan Academy Equivalent Ratios - Khan Academy Ratios and double number lines - Khan Academy
8 12/6 – 12/10		<ul style="list-style-type: none"> Lesson 6-3 : Compare Ratios Lesson 6-4 : Represent and Graph Ratios 	Solving Ratio Problems with Graphs - Khan Academy Introduction to Rates - Khan Academy Comparing Rates - Khan Academy Solving Unit Rate Problems - Khan Academy
9 12/13 – 12/17		<ul style="list-style-type: none"> Lesson 6-5 : Understand Rates and Unit Rates Lesson 6-6 : Compare Unit Rates 	Ratios in the Real World Practice - Khan Academy
10 12/20 – 12/24		<ul style="list-style-type: none"> Second Quarter/First Semester Ends – 12/21 Winter Break – 12/22 – 1/4 	

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Quarter 3 Jan 6 – Mar 10	1 1/5 – 1/7	<ul style="list-style-type: none"> Teacher planning – 1/5 Lesson 6-7: Solve Unit Rate Problems Lesson 6-8 : Ratio Reasoning: Convert Customary Units Remediation/Review 	Ratios as Fractions - Khan Academy Constant of Proportionality – Khan Academy Determine Constant of Proportionality Graphically – Khan Academy
	2 1/10 – 1/14	<ul style="list-style-type: none"> Assess 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 Lesson 7-5: Graph Proportional Relationships Lesson 7-6: Apply Proportional Reasoning to Solve Problems Remediation/Review 	Graphing Proportional Relationships - Khan Academy Solving Ratio Problems with a Graph - Khan Academy
	3 1/17 – 1/21	<ul style="list-style-type: none"> Martin Luther King Jr. Holiday – 1/17 Report Cards – 1/19 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 	Understanding Percents - Khan Academy Ratios, Rates, and Percentages Unit - Khan Academy Percents, Fractions, and Decimals - Khan Academy Percent over 100 - Khan Academy
	4 1/24 – 1/28	<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 	Solving Percent Problems - Khan Academy Part-Part-Whole Ratio Practice - Khan Academy Part - Whole Ratio Word Problems - Khan Academy
	5 1/31 – 2/4	<ul style="list-style-type: none"> Remediation/Review Assessment Topic 9-1: Analyze Percents of Numbers Topic 9-2: Connect Percent and Proportion 	Solving Percents using Proportions - Khan Academy

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6 2/7 – 2/11	<ul style="list-style-type: none"> • Teacher Inservice – 2/7 • Interims Issued – 2/8 • Topic 9-3: Represent and Use the Percent Equation • Topic 9-4: Solve Percent Change and Percent Error Problems • Topic 9-5: Solve Markup and Markdown Problems 	Solve Percent Change Problems – Khan Academy Solve Markup and Markdown Problems – Khan Academy
7 2/14 – 2/18	<ul style="list-style-type: none"> • Topic 9-6: Solve Simple Interest Problems • Remediation/Review • Assessment 	Solve Simple Interest Problems – Khan Academy
8 2/21 – 2/25	<ul style="list-style-type: none"> • Presidents Day Holiday – 2/21 • Topic 10-1: Write and Evaluate Algebraic Expressions • Topic 10-2: Generate Equivalent Expressions 	Writing Algebraic Expressions – Khan Academy Evaluating Algebraic Expressions – Khan Academy Equivalent Expressions – Khan Academy
9 2/28 – 3/4	<ul style="list-style-type: none"> • Topic 10-3: Simplify Expressions • Topic 10-4 Expand Expressions • Topic 10-5: Factor Expressions 	Combining Like Terms – Khan Academy Factoring with the Distributive Property - Khan Academy
10 3/7 – 3/11	<ul style="list-style-type: none"> • Third Quarter End – 3/10 • Teacher Planning Day – 3/11 • Topic 10-6: Add Expressions 	Simplifying expressions Add/Subtract – Khan Academy

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Quarter 4 Mar 14 – June 2	1 3/14 – 3/18	<ul style="list-style-type: none"> • SPRING BREAK – NO SCHOOL 	
	2 3/21 – 3/25	<ul style="list-style-type: none"> • Topic 10-7: Subtract Expressions • Topic 10-8: Analyze Equivalent Expressions • Remediation/Review 	Simplifying expressions Add/Subtract – Khan Academy Analyze Equivalent Expressions – Khan Academy
	3 3/28 – 4/1	<ul style="list-style-type: none"> • Report Cards – 3/29 • Assess • Topic 11-1: Find the Areas of Parallelograms and Rhombuses • Topic 11-2: Solve Triangle Area Problems 	Area of Parallelograms – Khan Academy Area of Triangles– Khan Academy Area of Polygons – Khan Academy
	4 4/4 – 4/8	<ul style="list-style-type: none"> • Topic 11-3: Find areas of Trapezoids and Kites • Topic 11-4: Find Areas of Polygons • Topic 11-5: Represent Solid Figures Using Nets 	Area of Composite Figures - Khan Academy Nets and Surface Area - Khan Academy Find Surface Area using a net - Khan Academy
	5 4/11 – 4/15	<ul style="list-style-type: none"> • Holiday – 4/15 • Topic 11-6: Find Surface Area of Prisms • Topic 11-7: Find Surface Areas of Pyramids 	Volume with Fractional Cubes - Khan Academy Volume – Khan Academy
	6 4/18 – 4/22	<ul style="list-style-type: none"> • Holiday – 4/18 • Topic 11-8: Find Volume with Fractional Edge Lengths • Remediation/Review • Assessment 	Statistical Questions - Khan Academy
	7 4/25 – 4/29	<ul style="list-style-type: none"> • Interims Issued – 4/26 • 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 	Mean, Median, Mode - Khan Academy Ways to Represent Data – Khan Academy

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		<ul style="list-style-type: none"> Topic 12-4: Display Data in Frequency Tables and Histograms 	Reading Box Plots - Khan Academy Constructing Box Plots - Khan Academy Histograms - Khan Academy
	8 5/2 – 5/6	<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 	MAD– Khan Academy Shapes of Distribution – Khan Academy Comparing Dot Plots, Histogram, and Box Plots - Khan Academy
	9 5/9 – 5/13	<ul style="list-style-type: none"> Standards Review 	
	10 5/16 – 5/20	<ul style="list-style-type: none"> Standards Review 	
	11 5/23 – 5/27	<ul style="list-style-type: none"> Standards Review 	
	12 5/30 – 6/3	<ul style="list-style-type: none"> Memorial Day Holiday – 5/30 Standards Review 	

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