

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 Answer Key](#)

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

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Grade 6 Mathematics

2019-2020

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 12 – Oct 11	1 8/12 – 8/16	<ul style="list-style-type: none"> Lesson 1.1 – Add, Subtract and Multiply Decimals Lesson 1.2 – Divide Whole Numbers and Decimals 	Adding Decimals – Khan Academy Subtracting Decimals – Khan Academy Multiplying Decimals – Khan Academy
	2 8/19 – 8/23	<ul style="list-style-type: none"> Lesson 1.3 – Multiply Fractions 3-Act – Mathematical Modeling Lesson: Stocking Up Lesson 1.4 – Understand Division of Fractions 	Multiply Fractions - Khan Academy Understand Division of Fractions - Khan Academy
	3 8/26 – 8/30	<ul style="list-style-type: none"> Lesson 1.4 – Understand Division of Fractions Lesson 1.5 – Divide Fractions by Fractions Lesson 1.6 – Divide Mixed Numbers 	Divide Fractions by Fractions - Khan Academy Divide Mixed Numbers - Khan Academy
	4 9/3 – 9/6	<ul style="list-style-type: none"> Labor Day Holiday – 9/2 Lesson 1.7 – Solve Problems with Rational Numbers Topic 1 Review and Assess 	Rational Numbers Lesson – Khan Academy
	5 9/9 – 9/13	<ul style="list-style-type: none"> Topic 1 Review and Assess Lesson 2.1 – Understand Integers 	Integers and Opposites – Khan Academy Integers and Opposites – Khan Academy
	6 9/16 – 9/20	<ul style="list-style-type: none"> Lesson 2.2 – Represent Rational Numbers on the Number Line Lesson 2.3 – Absolute Values of Rational Numbers Lesson 2.4 – Represent Rational Numbers on the Coordinate Plane 	Rational Numbers & Number Lines – Khan Academy Interpreting Absolute Value - Khan Academy
	7 9/23 – 9/27	<ul style="list-style-type: none"> Lesson 2.4 – Represent Rational Numbers on the Coordinate Plane 3-Act Mathematical Modeling – The Ultimate Throw Lesson 2.5 – Find Distances on the Coordinate Plane 	Understanding Coordinate Planes - Khan Academy
	8 9/30 – 10/4	<ul style="list-style-type: none"> Lesson 2.6 – Represent Polygons on the Coordinate Plane Topic 2 Review and Assess 	Creating Polygons on Coordinate Planes - Khan Academy
	9 10/7 – 10/11	<ul style="list-style-type: none"> Topic 2 Review and Assess Lesson 3.1 Understand and Represent Exponents Lesson 3.2 – Find GCF and LCM 	Introduction to Exponents - Khan Academy

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Quarter 2 Oct 15 – Dec 20	1 10/15 – 10/18	<ul style="list-style-type: none"> Lesson 3.2 Find GCF and LCM Lesson 3.3 – Write and Evaluate Numerical Expressions Lesson 3.4 – Write Algebraic Expressions 	LCM – Khan Academy GCF – Khan Academy GCF and LCM - Khan Academy Constructing Numerical Expressions - Khan Academy Write Algebraic Expressions – Khan Academy
	2 10/21 – 10/25	<ul style="list-style-type: none"> Lesson 3.4 – Write Algebraic Expressions Lesson 3.5 – Evaluate Algebraic Expressions 3 Act – Mathematical Modeling: Field Trip 	Topic 3 Write Algebraic Expressions – Khan Academy Valuate Algebraic Expressions – Khan Academy A Guide to Algebraic Expressions - Khan Academy
	3 10/28 – 11/1	<ul style="list-style-type: none"> Lesson 3.6 – Generate Equivalent Expressions Lesson 3.7 – Simplify Algebraic Expressions 	Equivalent Expressions – Khan Academy Simplify Algebraic Expressions – Khan Academy
	4 11/4 – 11/8	<ul style="list-style-type: none"> Topic 3 Review and Assess Lesson 5.1 – Understand Equations and Solutions 	
	5 11/12 – 11/15	<ul style="list-style-type: none"> Veterans Day 9/11 Lesson 5.1 – Understand Equations and Solutions Lesson 5.2 – Apply Properties of Equality Lesson 5.3 – Write and Solve Addition and Subtraction Equations 	Write and Solve One-Step Addition & Subtraction Equations - Khan Academy
	6 11/18 – 11/22	<ul style="list-style-type: none"> 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 One-Step Multiplication and Division Equations- Khan Academy
	7 11/25 – 11/26	<ul style="list-style-type: none"> Lesson 5.6 – Understand and Write Inequalities Thanksgiving Holiday 11/27 - 11/29 	Understand and Write Inequalities with Variables - Khan Academy
	8 12/2 – 12/6	<ul style="list-style-type: none"> Lesson 5.7 – Solve Inequalities 3 Act – Mathematical Modeling: Checking a Bag 	Introduction to Understanding Dependent & Independent Variables - Khan Academy

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		<ul style="list-style-type: none"> Lesson 5.8 – Understand Dependent and Independent Variables 	
	9 12/9 – 12/13	<ul style="list-style-type: none"> Lesson 5.9 – Use Patterns to Write and Solve Equations Lesson 5.10 – Relate Tables, Graphs, and Equations 	Using Tables, Graphs, & Equations - Khan Academy
	10 12/16 – 12/20	<ul style="list-style-type: none"> Topic 5 Review and Assess 	

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Quarter 3 Jan 6 – Mar 12	1 1/6– 1/10	<ul style="list-style-type: none"> Lesson 6.1 – Understand Ratios Lesson 6.2 – Generate Equivalent Ratios Lesson 6.3 – Compare Ratios 	Introduction to Ratios – Khan Academy Equivalent Ratios – Khan Academy
	2 1/13 – 1/17	<ul style="list-style-type: none"> Lesson 6.3 – Compare Ratios Lesson 6.4 – Represent and Graph Ratios Lesson 6.5 – Understand Rates and Unit Rates 	Solving Ratio Problems With Graph – Khan Academy
	3 1/21 – 1/24	<ul style="list-style-type: none"> Martin Luther King Jr. Holiday 1/20 Lesson 6.5 – Understand Rates and Unit Rates Lesson 6.6 – Compare Unit Rates Lesson 6.7 – Solve Unit Rate Problems 	Introduction to Rates – Khan Academy Solving Unit Rate Problems – Khan Academy
	4 1/27 – 1/30	<ul style="list-style-type: none"> 3 Act Mathematical Modeling – Get In Line Lesson 6.8 – Ratio Reasoning: Convert Customary Units Teacher Inservice 1/31 	U.S. Customary and Metric Units – Khan Academy
	5 2/3 – 2/7	<ul style="list-style-type: none"> Lesson 6.9 – Ratio Reasoning: Convert Metric Units Topic 6 Review and Assess 	Ratio Review – Khan Academy
	6 2/10 – 2/14	<ul style="list-style-type: none"> Lesson 8.1 – Understand Percent Lesson 8.2 – Relate Fractions, Decimals, and Percents Lesson 8.3 – Represent Percents Greater Than 100 or Less Than 1 	Ratios, Rates, and Percentages – Khan Academy
	7 2/17 – 2/21	<ul style="list-style-type: none"> Presidents Day Holiday 2/17 Lesson 8.3 – Represent Percents Greater Than 100 or Less Than 1 Lesson 8.4 – Estimate to Find Percent Lesson 8.5 – Find the Percent of a Number 	Understanding Percent – Khan Academy Percents, Fractions, and Decimals – Khan Academy
	8 2/24 – 2/28	<ul style="list-style-type: none"> Lesson 8.5 – Find the Percent of a Number Lesson 8.6 – Find a Whole Given a Part and a Percent 3 Act – Mathematical Modeling: Ace The Test 	Solving Percent Problems – Khan Academy
	9 3/2 – 3/6	<ul style="list-style-type: none"> Topic 8 Review and Assess Lesson 11.1 – Find Areas of Parallelograms and Rhombuses Lesson 11.2 – Solve Triangle Area Problems Lesson 11.3 – Find Areas of Trapezoids and Kites 	Area of Parallelograms – Khan Academy Area of Triangles – Khan Academy Area of Trapezoids – Khan Academy

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	10 3/9 – 3/12	<ul style="list-style-type: none">• Lesson 11.4 – Find Areas of Polygons• Lesson 11.5 – Represent Solid Figures Using Nets• 3 Act – Mathematical Modeling: That’s A Wrap	Area of Composite Figures – Khan Academy Nets and Surface Area – Khan Academy
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Quarter 4 Mar 23 – May 27	1 3/16 – 3/20	<ul style="list-style-type: none"> • SPRING BREAK – NO SCHOOL 	
	2 3/23 – 3/27	<ul style="list-style-type: none"> • Lesson 11.6 – Find Surface Areas of Prisms • Lesson 11.7 – Find Surface Area of Pyramids • Lesson 11.8 – Find Volume with Fractional Edge Lengths 	Find Surface Area of Prisms- Khan Academy Determine Surface Area (Practice) - Khan Academy
	3 3/30 – 4/3	<ul style="list-style-type: none"> • Lesson 11.8 - Find Volume with Fractional Edge Lengths • Topic 11 Review and Assess 	Volume – Khan Academy
	4 4/6 – 4/9	<ul style="list-style-type: none"> • Lesson 12.1 – Recognize Statistical Questions • Lesson 12.2 – Summarize Data Using Mean, Median Mode and Range • Holiday 4/10 	Statistical Questions – Khan Academy Mean, Median, Mode- Khan Academy
	5 4/14 – 4/17	<ul style="list-style-type: none"> • Holiday 4/13 • Lesson 12.2 – Summarize Data Using Mean, Median, Mode and Range • Lesson 12.3 – Display Data in Box Plots 	Dot Plots and Distribution– Khan Academy
	6 4/20 – 4/24	<ul style="list-style-type: none"> • Lesson 12.4 – Display Data in Frequency Tables and Histograms • Lesson 12.5 – Summarize Data Using Measures of Variability • Lesson 12.6 – Choose Appropriate Statistical Measures 	Box Plots – Khan Academy Histograms – Khan Academy Measures of Variability– Khan Academy Describing Data – Khan Academy
	7 4/27 – 5/1	<ul style="list-style-type: none"> • Lesson 12.6 – Choose Appropriate Statistical Measures • Lesson 12.7 – Summarize Data Distributions • 3 Act – Mathematical Modeling: Vocal Range 	
	8 5/4 – 5/8	<ul style="list-style-type: none"> • Topic 12 Review and Assess 	

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	9 5/11 – 5/15	• Standards Review	
	10 5/18 – 5/22	• Standards Review	
	11 5/25 – 5/27	• Standards Review	

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