

Please Note:

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course are best answered by the individual teacher.

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](#)

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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.

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 31 - Oct 30	1 8/31 – 9/4	<ul style="list-style-type: none"> Lesson 1.1 – Add, Subtract and Multiply Decimals Lesson 1.2 – Divide Whole Numbers and Decimals 	Dividing Whole Numbers – Khan Academy Dividing to get Decimals – Khan Academy Adding Decimals - Khan Academy Subtracting Decimals - Khan Academy Multiplying Decimals - Khan Academy
	2 9/7 – 9/11	<ul style="list-style-type: none"> Labor Day Holiday – 9/7 Lesson 1.3 – Multiply Fractions Lesson 1.4 – Understand Division of Fractions 	Multiply Fractions - Khan Academy (5.NF.B.4) Understand Division of Fractions - Khan Academy
	3 9/14 – 9/18	<ul style="list-style-type: none"> 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 9/21 – 9/25	<ul style="list-style-type: none"> Lesson 1.7 – Solve Problems with Rational Numbers Remediation Review 	Rational Numbers Unit - Khan Academy
	5 9/28 – 10/2	<ul style="list-style-type: none"> Assessment Lesson 2.1 – Understand Integers 	Integers and Opposites - Khan Academy
	6 10/5 – 10/9	<ul style="list-style-type: none"> Lesson 2.2 – Represent Rational Numbers on the Number Line Lesson 2.3 – Absolute Values of Rational Numbers 	Rational Numbers and Number Lines - Khan Academy Interpreting Absolute Value - Khan Academy
	7 10/12 – 10/16	<ul style="list-style-type: none"> Lesson 2.4 – Represent Rational Numbers on the Coordinate Plane Lesson 2.5 – Find Distances on the Coordinate Plane 	Understanding Coordinate Planes - Khan Academy Graphing on the Coordinate Plane – Khan Academy
	8 10/19 – 10/23	<ul style="list-style-type: none"> Lesson 2.6 – Represent Polygons on the Coordinate Plane Remediate Review Assess 	Creating Polygons on Coordinate Planes - Khan Academy
	9 10/26 – 10/30	<ul style="list-style-type: none"> Lesson 3.1 - Understand and Represent Exponents Lesson 3.2 - Find GCF and LCM 	Introduction to Exponents - Khan Academy LCM – Khan Academy GCF – Khan Academy GCF and LCM word problems - Khan Academy

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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.

	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Nov 2 - Jan 25*	1 11/2 – 11/6	<ul style="list-style-type: none"> Teacher Planning Day 11/3 Lesson 3.3 – Write and Evaluate Numerical Expressions Lesson 3.4 – Write Algebraic Expressions 	Constructing Numerical Expressions - Khan Academy (5.OA.A.1/2) Write Algebraic Expressions – Khan Academy
	2 11/9 – 11/13	<ul style="list-style-type: none"> Veterans Day 11/11 Lesson 3.5 – Evaluate Algebraic Expressions Lesson 3.6 – Generate Equivalent Expressions 	A Guide to Algebraic Expressions - Khan Academy Evaluate Algebraic Expressions – Khan Academy Equivalent Expressions – Khan Academy
	3 11/16 – 11/20	<ul style="list-style-type: none"> Lesson 3.7 – Simplify Algebraic Expressions Remediate Review Assess 	Simplify Algebraic Expressions – Khan Academy
	4 11/23 – 11/27	<ul style="list-style-type: none"> Lesson 5.1 – Understand Equations and Solutions Thanksgiving Holiday 11/25 - 11/27 	Representing a Relationship with an Equation - Khan Academy
	5 11/30 – 12/4	<ul style="list-style-type: none"> Lesson 5.2 – Apply Properties of Equality Lesson 5.3 – Write and Solve Addition and Subtraction Equations 	Balancing Both Sides - Khan Academy Write and Solve One-Step Addition & Subtraction Equations - Khan Academy
	6 12/7 – 12/11	<ul style="list-style-type: none"> Lesson 5.4 – Write and Solve Multiplication and Division Equations Lesson 5.5 – Write and Solve Equations with Rational Numbers 	One step Multiplication Equations - Khan Academy One Step Division Equations - Khan Academy One step multiplication and division equations: fractions and decimals - Khan Academy
	7 12/14 – 12/18	<ul style="list-style-type: none"> Lesson 5.6 – Understand and Write Inequalities Lesson 5.7 – Solve Inequalities Winter Break 12/21 – 1/1 	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
	8 1/4 – 1/8	<ul style="list-style-type: none"> Lesson 5.8 – Understand Dependent and Independent Variables Lesson 5.9 – Use Patterns to Write and Solve Equations 	Introduction to Understanding Dependent & Independent Variables - Khan Academy
	9 1/11 – 1/15	<ul style="list-style-type: none"> Lesson 5.10 – Relate Tables, Graphs, and Equations Remediate Review Assess 	Modeling with tables, graphs and equations - Khan Academy

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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.

	10 1/18 – 1/22*	<ul style="list-style-type: none">• Martin Luther King Jr. Holiday 1/18• Semester 1 Standards Review• *Second Quarter/First Semester Ends – Monday, January 25, 2021	
--	--------------------	--	--

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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.

	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 26 – Apr 8	1 1/25* – 1/29	<ul style="list-style-type: none"> Teacher Planning Day 1/29 Lesson 6.1 – Understand Ratios Lesson 6.2 – Generate Equivalent Ratios 	Introduction to Ratios - Khan Academy Equivalent Ratios - Khan Academy
	2 2/1 – 2/5	<ul style="list-style-type: none"> Lesson 6.3 – Compare Ratios Lesson 6.4 – Represent and Graph Ratios 	Ratios and double number lines - Khan Academy Solving Ratio Problems with Graphs - Khan Academy
	3 2/8 – 2/12	<ul style="list-style-type: none"> Lesson 6.5 – Understand Rates and Unit Rates Lesson 6.6 – Compare Unit Rates 	Introduction to Rates - Khan Academy Comparing Rates - Khan Academy
	4 2/15 – 2/19	<ul style="list-style-type: none"> Presidents Day Holiday 2/15 Lesson 6.7 – Solve Unit Rate Problems Lesson 6.8 – Ratio Reasoning: Convert Customary Units 	Solving Unit Rate Problems - Khan Academy Ratios in the Real World Practice - Khan Academy
	5 2/22 – 2/26	<ul style="list-style-type: none"> Remediate Review Assess 	Proportional Relationships - Khan Academy
	6 3/1 – 3/5	<ul style="list-style-type: none"> Lesson 8.1 – Understand Percent Lesson 8.2 – Relate Fractions, Decimals, and Percents 	Understanding Percents - Khan Academy Ratios, Rates, and Percentages Unit - Khan Academy Percents, Fractions, and Decimals - Khan Academy
	7 3/8 – 3/12	<ul style="list-style-type: none"> 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 	Percent over 100 - Khan Academy Solving Percent Problems - Khan Academy
	8 3/15 – 3/19	<ul style="list-style-type: none"> Spring Break 3/17 – 3/19 Lesson 8.6 – Find a Whole Given a Part and a Percent 	Solving Percent Word Problems - Khan Academy
	9 3/22 – 3/26	<ul style="list-style-type: none"> Remediate Review Assess 	
	10 3/29 – 4/2	<ul style="list-style-type: none"> Holiday 4/2 Lesson 11.1 – Find Areas of Parallelograms and Rhombuses Lesson 11.2 – Solve Triangle Area Problems 	Area of Parallelograms - Khan Academy Area of Triangles - Khan Academy
	11 4/5 – 4/9	<ul style="list-style-type: none"> Teacher Planning Day 4/9 Lesson 11.3 – Find Areas of Trapezoids and Kites Lesson 11.4 – Find Areas of Polygons 	Area of Trapezoids - Khan Academy Area of Composite Figures - Khan Academy

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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.

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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.

	Week	Major Concepts / Topics	Possible Resources
Quarter 4 Apr 12 – Jun 10	1 4/12 – 4/16	<ul style="list-style-type: none"> Lesson 11.5 – Represent Solid Figures Using Nets Lesson 11.6 – Find Surface Areas of Prisms 	Nets and Surface Area - Khan Academy Find Surface Area using a net - Khan Academy
	2 4/19 – 4/23	<ul style="list-style-type: none"> Lesson 11.7 – Find Surface Area of Pyramids Lesson 11.8 - Find Volume with Fractional Edge Lengths 	Surface Area of a box - Khan Academy Volume with Fractional Cubes - Khan Academy
	3 4/26 – 4/30	<ul style="list-style-type: none"> Remediate Review Assess 	
	4 5/3 – 5/7 May 3 - FSA Testing Window Opens	<ul style="list-style-type: none"> Lesson 12.1 – Recognize Statistical Questions Lesson 12.2 – Summarize Data Using Mean, Median, Mode and Range Lesson 12.3 – Display Data in Box Plots 	Statistical Questions - Khan Academy Mean, Median, Mode - Khan Academy Reading Box Plots - Khan Academy Constructing Box Plots - Khan Academy
	5 5/10 – 5/14	<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 	Histograms - Khan Academy MAD - Khan Academy Shapes of Distribution - Khan Academy Comparing Dot Plots, Histogram, and Box Plots - Khan Academy
	6 5/17 – 5/21	<ul style="list-style-type: none"> Lesson 12.7 – Summarize Data Distributions Remediate Review Assess 	
	7 5/24 – 5/28	<ul style="list-style-type: none"> Standards Review 	
	8 5/31 – 6/4	<ul style="list-style-type: none"> Memorial Day Holiday 5/31 Standards Review 	
	9 6/7 – 6/10	<ul style="list-style-type: none"> Standards Review 	

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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.