

Please Note:

All standards 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:

[Go Math](#) (use student Active Directory)

Other Course Supplemental Resources:

[IXL Math – Grade 6 Standards](#)

[IXL Math – Grade 7 Standards](#)

Khan Academy

[Grade 6 Mathematics](#)

[Grade 7 Mathematics](#)

FSA Practice:

[Grade 6 FSA Mathematics Computer-Based PRACTICE TEST](#)

[Grade 6 FSA Mathematics Computer-Based Practice Test Answer Key](#)

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

[Mathematics Practice Tests – Smarter Balanced Assessment Consortium](#)

[Mathematics Practice Tests - Scoring Guides - Smarter Balanced](#)

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 10 – Oct 12 | 1 8/10 | <ul style="list-style-type: none"> Pre-Test/Long Division Introduction | |
| | 2 8/13 – 8/17 | <ul style="list-style-type: none"> Lesson 1.1 – Identifying Integers and Their Opposites Lesson 1.2 – Comparing and Ordering Integers Lesson 1.3 – Absolute Value Review and Test Module 1, Long Division | Lesson 1.1 – Khan Academy Lesson 1.2 – Khan Academy Lesson 1.3 – Khan Academy |
| | 3 8/20 – 8/24 | <ul style="list-style-type: none"> Lesson 3.1 – Classifying Rational Numbers Lesson 3.2 – Identifying Opposites and Absolute Value of Rational Numbers Lesson 3.3 – Comparing and Ordering Rational Numbers | Lesson 3.1 – Khan Academy Lesson 3.2 – Khan Academy Lesson 3.3 – Khan Academy |
| | 4 8/27 – 8/31 | <ul style="list-style-type: none"> Module 1 and 3 Test Lesson 9.1 – Exponents Lesson 9.3 – Order of Operations Lesson 17.1 and 17.2—Adding Integers | Lesson 9.1 – Khan Academy Lesson 9.3 – Khan Academy Lesson 17.1 – Khan Academy Lesson 17.2 – Khan Academy |
| | 5 9/4 – 9/7 | <ul style="list-style-type: none"> Lesson 17.1 and 17.2—Adding Integers Lesson 17.3 and 17.4-- Subtracting Integers Test Module 17 | Lesson 17.3 – Khan Academy Lesson 17.4 – Khan Academy Lesson 18.1 – Khan Academy |
| | 6 9/10 – 9/14 | <ul style="list-style-type: none"> Lesson 18.1 and 18.2 – Multiplying and Dividing Integers Lesson 18.1 and 18.2 – Multiplying and Dividing Integers Lesson 18.3 – Application of Integers Module 18 Test | Lesson 18.1 – Khan Academy Lesson 18.2 – Khan Academy Lesson 18.3 – Khan Academy |
| | 7 9/17 – 9/21 | <ul style="list-style-type: none"> Lesson 9.2 – Prime Factorization Lesson 2.1 – Greatest Common Factor Lesson 2.2 – Least Common Multiple | Lesson 9.2 – Khan Academy Lesson 2.1 – Khan Academy Lesson 2.2 – Khan Academy |
| | 8 9/24 – 9/28 | <ul style="list-style-type: none"> Review/Test Module 2/Lesson 9.2 Adding/Subtracting Fractions review Lesson 4.1 – Applying GCF and LCM to Fraction Operations | Add/Subtract Fractions – Khan Academy Lesson 4.1 – Khan Academy |
| | 9 10/1 – 10/5 | <ul style="list-style-type: none"> Lesson 4.2 – Dividing Fractions Lesson 4.3 – Dividing Mixed Numbers Lesson 4.4 - Solving Multistep Problems with Fractions and Mixed Numbers Review and Test Module 4 | Multiply Fractions – Khan Academy Lesson 4.2 – Khan Academy Lesson 4.3 – 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.

Grade 6 Mathematics Advanced

2018-2019

| | | | |
|--|--------------------|---|---|
| | 10 10/8 – 10/12 | <ul style="list-style-type: none">• Lesson 5.1 – Dividing Whole Numbers• Lesson 5.4 – Dividing Decimals• Lesson 5.2 – Adding and Subtracting Decimals | Lesson 5.1 – Khan Academy Lesson 5.4 – Khan Academy Lesson 5.2 – 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.

Grade 6 Mathematics Advanced

2018-2019

| | Week | Major Concepts / Topics | Possible Resources |
|------------------------------|---------------------|--|--|
| Quarter 2 Oct 16 – Dec 21 | 1 10/16 – 10/19 | <ul style="list-style-type: none"> Lesson 5.3 – Multiplying Decimals Lesson 5.5 – Applying Operations with Rational Numbers | Lesson 5.3 – Khan Academy Lesson 5.5 – Khan Academy |
| | 2 10/22 – 10/26 | <ul style="list-style-type: none"> Test Module 5/Unit 2 Lesson 6.1 -- Ratios Lesson 6.2 – Rates | Lesson 6.1 – Khan Academy Lesson 6.2 – Khan Academy |
| | 3 10/29 – 11/2 | <ul style="list-style-type: none"> Lesson 6.2 – Rates Lesson 6.3 – Using Ratios and Rates to Solve Problems Lesson 12.1 Graphing on the Coordinate Plane Quiz Module 6/Lesson 12.1 | Lesson 6.2 – Khan Academy Lesson 6.3 – Khan Academy Lesson 12.1 – Khan Academy |
| | 4 11/5 – 11/9 | <ul style="list-style-type: none"> Lesson 7.1 – Ratios, Rates, Tables and Graphs Lesson 7.2 – Solving Problems with Proportions | Lesson 7.1 – Khan Academy Lesson 7.2 – Khan Academy |
| | 5 11/13 – 11/16 | <ul style="list-style-type: none"> Lesson 7.3 – Converting within Measurement Systems Lesson 7.4 – Converting Between Measurement Systems Test Module 6/7 Lesson 8.1 – Understanding Percent Lesson 8.2 – Percents, Fractions, and Decimals | Lesson 7.3 – Khan Academy Lesson 7.4 – Khan Academy Lesson 8.1 – Khan Academy Lesson 8.2 – Khan Academy |
| | 6 11/19 – 11/20 | <ul style="list-style-type: none"> Lesson 8.1 – Understanding Percent Lesson 8.2 – Percents, Fractions, and Decimals Lesson 8.3 – Solving Percent Problems | Lesson 8.1 – Khan Academy Lesson 8.2 – Khan Academy Lesson 8.3 – Khan Academy |
| | 7 11/26 – 11/30 | <ul style="list-style-type: none"> Lesson 8.3 – Solving Percent Problems Test Module 8/Unit 3 | Lesson 8.3 – Khan Academy |
| | 8 12/3 – 12/7 | <ul style="list-style-type: none"> Lesson 10.1 – Modeling and Writing Expressions Lesson 10.2– Evaluating Expressions Lesson 10.3 – Generating Equivalent Expressions | Lesson 10.1 – Khan Academy Lesson 10.2 – Khan Academy Lesson 10.3 – Khan Academy |
| | 9 12/10 – 12/14 | <ul style="list-style-type: none"> Lesson 10.3 – Generating Equivalent Expressions Test Module 10 Standards Review | Lesson 10.3 – Khan Academy |
| | 10 12/17 – 12/21 | <ul style="list-style-type: none"> Standards Review District Midterm | |

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 7 – Mar 15 | 1 1/7 – 1/11 | <ul style="list-style-type: none"> Review Lessons 10.1 and 10.2 Lesson 10.3 – Generating Equivalent Expressions Test Module 10 | Lesson 10.1 – Khan Academy Lesson 10.2 – Khan Academy Lesson 10.3 – Khan Academy |
| | 2 1/14 – 1/18 | <ul style="list-style-type: none"> Lesson 11.1 Writing Equations to Represent Situations Lesson 11.2 – Addition and Subtraction Equations Lesson 11.3 – Multiplication and Division Equations | Lesson 11.1 – Khan Academy Equations – Khan Academy Lesson 11.2 – Khan Academy |
| | 3 1/22 – 1/25 | <ul style="list-style-type: none"> Lesson 11.3 – Multiplication and Division Equations Lesson 11.4 – Writing Inequalities Solving Inequalities | Lesson 11.3 – Khan Academy Lesson 11.4 – Khan Academy Solve Inequalities – Khan Academy |
| | 4 1/28 – 2/1 | <ul style="list-style-type: none"> Solving Inequalities Test Module 11 Lesson 12.2 – Independent and Dependent Variables in Tables and Graphs | Solve Inequalities – Khan Academy Lesson 12.2 – Khan Academy |
| | 5 2/4 – 2/8 | <ul style="list-style-type: none"> Lesson 12.2 – Independent and Dependent Variables in Tables and Graphs Lesson 12.3 – Writing Equations from Tables Lesson 12.4 – Representing Algebraic Relationships in Tables and Graphs | Lesson 12.2 – Khan Academy Lesson 12.3 – Khan Academy Lesson 12.4 – Khan Academy |
| | 6 2/11 – 2/14 | <ul style="list-style-type: none"> Lesson 12.4 – Representing Algebraic Relationships in Tables and Graphs Review and Test Module 12 Lesson 13.1 Area of Quadrilaterals and Classification of Quadrilaterals | Lesson 12.4 – Khan Academy Lesson 13.1 – Khan Academy |
| | 7 2/19 – 2/22 | <ul style="list-style-type: none"> Lesson 13.1 Area of Quadrilaterals and Classification of Quadrilaterals Lesson 13.2 – Area of Triangles Lesson 13.3 – Solving Area Equations | Lesson 13.1 – Khan Academy Lesson 13.2 – Khan Academy Lesson 13.3 – Khan Academy |
| | 8 2/25 – 3/1 | <ul style="list-style-type: none"> Lesson 13.4 – Area of Polygons Lesson 14.1 – Distance in the Coordinate Plane Lesson 14.2 – Polygons in the Coordinate Plane | Lesson 13.4 – Khan Academy Lesson 14.1 – Khan Academy Lesson 14.2 – Khan Academy |
| | 9 3/4 – 3/8 | <ul style="list-style-type: none"> Review Module 13/14 Test Module 13/14 Lesson 15.1 – Nets and Surface Area Lesson 15.2 – Volume of Rectangular Prisms | Lesson 15.1 – Khan Academy Lesson 15.2 – Khan Academy |
| | 10 3/11 – 3/14 | <ul style="list-style-type: none"> Lesson 15.2 – Volume of Rectangular Prisms Lesson 15.3 – Solving Volume Equations | Lesson 15.2 – Khan Academy Lesson 15.3 – 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.

Grade 6 Mathematics Advanced

2018-2019

| | Week | Major Concepts / Topics | Possible Resources |
|------------------------------|------------------|---|--|
| Quarter 4 Mar 25 – May 24 | 1 3/25 – 3/29 | <ul style="list-style-type: none"> Module 15 Review Test Module 15 RP.1.3.e – Pi, Circumference, Diameter Lesson 16.1 – Measures of Center | Circles - Khan Academy Lesson 16.1 – Khan Academy Lesson 16.2 – Khan Academy |
| | 2 4/1 – 4/5 | <ul style="list-style-type: none"> Lesson 16.2 – Mean Absolute Deviation Lesson 16.3 – Box Plots | Lesson 16.2 – Khan Academy Lesson 16.3 – Khan Academy |
| | 3 4/8 – 4/12 | <ul style="list-style-type: none"> Lesson 16.4 – Dot Plots and Data Distribution Lesson 16.5 - Histograms Test Module 16 | Lesson 16.4 – Khan Academy Lesson 16.5 – Khan Academy |
| | 4 4/15 – 4/18 | <ul style="list-style-type: none"> Review Test Module 16 | Statistical Questions – Khan Academy Describing Data – Khan Academy |
| | 5 4/22 – 4/26 | <ul style="list-style-type: none"> Review - Ratio & Proportional Relationships Review - Expressions & Equations Review – Geometry Review – Statistics and Probability Review - The Number System | |
| | 6 4/29 – 5/3 | <ul style="list-style-type: none"> Lesson 19.1 – Rational Numbers and Decimals Lesson 19.2 - Adding Rational Numbers Lesson 19.3 – Subtracting Rational Numbers | Lesson 19.1 – Khan Academy Lesson 19.2 – Khan Academy Lesson 19.3 – Khan Academy |
| | 7 5/6 – 5/10 | <ul style="list-style-type: none"> Lesson 19.4 and 19.5 Multiplying and Dividing Rational Numbers Lesson 19.6 – Applying Rational Numbers Operations Lesson 19.7 – Algebraic Expressions | Lesson 19.4 – Khan Academy Lesson 19.5 – Khan Academy Lesson 19.6 – Khan Academy Lesson 19.7 – Khan Academy |
| | 8 5/13 – 5/17 | <ul style="list-style-type: none"> Lesson 19.7 – Algebraic Expressions Review and Test Module 19 Lesson 20.1 – Unit Rates Lesson 20.2 - Constant Rates of Change | Lesson 19.7 – Khan Academy Lesson 20.1 – Khan Academy Lesson 20.2 – Khan Academy |
| | 9 5/20 – 5/24 | <ul style="list-style-type: none"> Lesson 20.3 - Proportional Relationships and Graphs Lesson 21.1 – Percent Increase and Decrease Lesson 21.2 – Rewriting Percent Expressions Lesson 21.3- Applications of Percent | Lesson 20.3 – Khan Academy Lesson 21.1 – Khan Academy Lesson 21.2 – Khan Academy Lesson 21.3 – 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.