Grade 6 Mathematics Advanced   2018-2019

Please Note:

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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

Grade 6 Mathematics Advanced   2018-2019

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 12	1 8/10	• Pre-Test/Long Division Introduction	
	2 8/13 – 8/17	• 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	• 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	• 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	• 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	• 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	• 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	• 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	• 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

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	10 10/8 – 10/12	• 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

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Quarter 2 Oct 16 – Dec 21	1 10/16 – 10/19	• 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	• 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	• 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	• 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	• 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	• 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	• Lesson 8.3 – Solving Percent Problems • Test Module 8/Unit 3	Lesson 8.3 – Khan Academy
	8 12/3 – 12/7	• 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	• Lesson 10.3 – Generating Equivalent Expressions • Test Module 10 • Standards Review	Lesson 10.3 – Khan Academy
	10 12/17 – 12/21	• Standards Review • District Midterm	

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	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 7 – Mar 15	1 1/7 – 1/11	• 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	• 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	• 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	• 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	• 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	• 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	• 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	• 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	• 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	• Lesson 15.2 – Volume of Rectangular Prisms • Lesson 15.3 – Solving Volume Equations	Lesson 15.2 – Khan Academy Lesson 15.3 – Khan Academy

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Quarter 4 Mar 25 – May 24	1 3/25 – 3/29	• 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	• 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	• 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	• Review • Test Module 16	Statistical Questions – Khan Academy Describing Data – Khan Academy
	5 4/22 – 4/26	• Review - Ratio & Proportional Relationships • Review - Expressions & Equations • Review – Geometry • Review – Statistics and Probability • Review - The Number System	
	6 4/29 – 5/3	• 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	• 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	• 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	• 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

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