Please Note:

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Publisher Resource:

Go Math (use student Active Directory)

Other Course Supplemental Resources:

IXL Math – Grade 7 Standards

Khan Academy
- Grade 7 - Pre-Algebra

FSA Practice: (Please Note: these links work best in Firefox or Chrome)
Grade 7 Pre-Algebra FSA Mathematics Computer-Based PRACTICE TEST
        Grade 7 FSA Mathematics Computer-Based PRACTICE TEST ANSWER KEY

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

Mathematics Practice Tests – Smarter Balanced Assessment Consortium
        Mathematics Practice Tests - Scoring Guides - Smarter Balanced

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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 13	**1** 8/10 - 8/11	• Procedural days/option to start lesson 1.1	
	2 8/14 – 8/18	**Module 1 – Adding and Subtracting Integers** • Lesson 1.1 – 7.N.S. 1.1 - Adding Integers with the Same Sign • Lesson 1.2 – 7.N.S. 1.1 – Adding Integers with Different Signs • Lesson 1.3 – 7.N.S. 1.1 – Subtracting Integers • Lesson 1.4 – 7.N.S. 1.3 – Applying Addition and Subtraction of Integers	1.1- 1.1 Khan Academy 1.2- 1.2 Khan Academy 1.3- 1.3 Khan Academy 1.4- 1.4 Khan Academy
	3 8/21 – 8/25	• **Module 1 Review and Assessment** **Module 2 – Multiplying and Dividing Integers** • Lesson 2.1 – 7.N.S.1.2 – Multiplying Integers • Lesson 2.2 – 7.N.S.1.2 – Dividing Integers	2.1- 2.1 Khan Academy 2.2- 2.2 Khan Academy
	4 8/28 – 9/1	**Module 2 continued – Multiplying and Dividing Integers** • Lesson 2.3 – 7.N.S.1.3 – Applying Integer Operations • **Module 2 Review and Assessment** • Lesson 3.1 – 7.N.S.1.2c – Rational Numbers and Decimals	2.3- 2.3 Khan Academy 3.1- 3.1 Khan Academy
	5 9/5 – 9/8	**Module 3 continued – Rational Numbers** • Lesson 3.2 – 7.N.S.1.1d – Adding Rational Numbers • Lesson 3.3 – 7.N.S.1.1c – Subtracting Rational Numbers • *Lesson 3.4 – 7.N.S.1.2 – Multiplying Rational Numbers	3.2 & 3.3- 3.2 & 3.3 Khan Academy 3.4 & 3.5- Multiply and Divide Fractions
	6 9/11 – 9/15	**Module 3 continued – Rational Numbers** • Lesson 3.4 – 7.N.S.1.2 – Multiplying Rational Numbers • Lesson 3.5 – 7.N.S.1.2 – Dividing Rational Numbers • Lesson 3.6 – 7.N.S.1.1d – Applying Rational Number Operations • **Module 3 Review and Assessment**	3.4- Multiplying Decimals 3.5- Dividing Decimals 3.6- Rational Word Problem: Cosmetics 3.6- Rational Word Problem: Cab 3.6- Rational Word Problem: School Report
	7 9/18 – 9/22	• **Module 3 Review and Assessment** **Module 6 – Expressions and Equations & Module 7 – Inequalities** • Lesson 6.1 – 7.EE.1.1 – Algebraic Expressions • Lesson 6.2 – 7.EE.2.3/2.4 – One-Step Equations with Rational Coefficients	6.1- Writing Basic Expressions 6.1- Writing Expressions 6.2- 6.2 Khan Academy
	8 9/25 – 9/29	**Cont. Module 6 – Expressions and Equations & Module 7 – Inequalities** • Lesson 6.2 – 7.EE.2.4 – One-Step Equations with Rational Coefficients • Lesson 7.1 – 7.EE.2.4b – Writing and Solving One-Step Inequalities • **Lesson(s) 6.1, 6.2 & 7.1 Review and Assessment**	7.1- One-Step Inequalities Examples 7.1- One-Step Inequality Word Problem
	9 10/2 – 10/6	• **Lesson(s) 6.1, 6.2 & 7.1 Review and Assessment** • Lesson 6.4 – 7.EE.2.4a – Solving Two-Step Equations • Lesson 6.3 – 7.EE.2.4 – Writing Two-Step Equations	6.4- Two-Step Equation Intro 6.3- Writing and Solving Two-Step: Computers

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		Cont. Module 6 – Expressions and Equations & Module 7 – Inequalities	6.3- Writing and Solving Two-Step: Garden
10 10/9 – 10/13		• Lesson 6.3 – 7.EE.2.4 – Writing Two-Step Equations • Lesson 7.3 – 7.EE.2.4b – Solving Two-Step Inequalities • Lesson 7.2 – 7.EE.2.4 – Writing Two-Step In equalities	6.3- Writing and Solving Two-Step: Oranges 7.3- 7.3 Khan Academy 7.2- Writing Two-Step Inequalities

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	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 17 – Dec 21	**1** 10/17 – 10/20	**Cont. Module 6 – Expressions and Equations & Module 7 – Inequalities** • Lesson 7.2 – 7.EE.2.4 – Writing Two-Step Inequalities • **Lesson(s) 6.3, 6.4, 7.2 & 7.3 Review and Assessment**	7.2- <u>Writing Two-Step Inequalities</u>
	2 10/23 – 10/27	• **Lesson(s) 6.3, 6.4, 7.2 & 7.3 Review and Assessment** **Module 4 – Rates and Proportionality** • Lesson 4.1 – 7.R.P.1.1 – Unit Rates • Lesson 4.2 – 7.R.P.1.2 – Constant Rates of Change	4.1- <u>Intro to Rates</u> 4.1- <u>Solving Unit Rate</u>
	3 10/30 – 11/3	**Module 4 continued – Rates and Proportionality** • Lesson 4.3 – 7.R.P.1.3 – Proportional Relationships • **Module 4 Review and Assessment**	4.3- <u>Intro to Proportional Relationships</u>
	4 11/6 – 11/9	• **Module 4 Review and Assessment** **Module 5 – Proportions and Percent** • Lesson 5.1 – 7.RP.1.3 – Percent Increase and Decrease • Lesson 5.2 – 7.EE.1.2 – Rewriting Percent Expressions	5.1- <u>Growing by Percentage</u> 5.1- <u>Percent Decrease Word Problem</u>
	5 11/13 – 11/17	**Module 5 continued – Proportions and Percent** • Lesson 5.2 – 7.EE.1.2 – Rewriting Percent Expressions • Lesson 5.3 – 7.RP.1.3 – Applications of Percent	Extra- <u>Converting Percent to Decimals</u> 5.2- <u>Solving Percent Problems</u> 5.3- <u>Multi-Step Percent Problem</u>
	6 11/20 – 11/21	• **Module 5 Review and Assessment**	
	7 11/27 – 12/1	• **Module 5 Review and Assessment**	
	8 12/4 – 12/8	• **Semester Review**	
	9 12/11 – 12/15	• **District Exams**	
	10 12/18 – 12/21	• **District Exams**	

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Grade 7 Mathematics   2017 – 2018

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Quarter 3 Jan 8 – Mar 15	1 1/8 – 1/12	**Module 9 – Circumference, Area, and Volume** • Lesson 9.1- 7.G.2.4 – Circumference • Lesson 9.2- 7.G.2.4 - Area of Circles	Circle Definitions- Definitions Video 9.1- Circumference Video 9.2- Area of Circles
	2 1/16 – 1/19	**Module 9 continued – Circumference, Area, and Volume** • Lesson 9.3 – 7.G.2.6 – Area of Composite Figures • Lesson 9.5 – 7.G.2.6 – Solving Volume Problems	9.3 - Area of Composite Figures 9.5 - Volume of Triangular Prism & Cube 9.5- Volume of Rectangular Prism 9.5- Word Problem with Pyramid
	3 1/22 – 1/26	• Lesson 9.4 – 7.G.2.6 – Solving Surface Area Problems • **Module 9 Review and Assessment**	9.4- Surface Area Using Net 9.4- Surface Area Word Problem
	4 1/30 – 2/2	• **Module 8 – Modeling Geometric Figures** • Lesson 8.1 – 7.G.1.1 - Similar Shapes • Lesson 8.2 – 7.G.1.2 – Geometric Drawings	8.1- Interpreting a Scale Drawing 8.1- Scale Drawing Word Problem 8.2- Construct a Triangle with Constraints 8.2- Triangle Inequality Theorem
	5 2/5 – 2/9	• Lesson 8.3 – 7.G.1.3- Cross Sections • Lesson 8.4- 7.G.2.5 – Angle Relationships	8.3- Cross Section Cube 8.3- Cross Section Pyramid 8.4- Angle Relationships 8.4- Using Algebra to Solve Missing Angles
	6 2/12 – 2/16	• **Module 8 Review and Assessment** **Module 10 & 11– Random Samples and Populations & Analyzing and Comparing Data** • Lesson 10.1 – 7.SP.1.1/1.2- Populations and Samples	10.1- Random Sampling and Avoiding Bias
	7 2/20 – 2/23	• Lesson 10.2 – 7.SP.1.1/1.2 – Making Inferences from a Random Sample • Lesson 11.1 – 7.SP.2.4- Comparing Data Displayed in Dot Plots	10.2- Data Inferences 11.1- Comparing Dot Plots
	8 2/26 – 3/2	**Module 10 & 11 Continued** • Lesson 11.2 – 7.SP.2.3- Comparing Data Displayed in Box Plots • Lesson 11.3- 7.SP.2.3- Using Statistical Measures to Compare Populations	11.2- Comparing Box Plots 11.3- Mean Absolute Deviation 11.3- MAD Example Problem
	9 3/5 – 3/9	• **Module 10 & 11 Review and Assessment** **Module 12 & 13 – Experimental Probability & Theoretical Probability and Simulations** • Lesson 12.1 – 7.SP.3.5- Probability • Lesson 12.2 – 7.SP.3.6 – Experimental Probability of Simple Events	Experimental vs. Theoretical Experimental vs. Theoretical (2) 12.1- Simple Probability 12.2- Experimental Probability Simple Event
	10 3/12 – 3/15	• Lesson 12.3- 7.SP.3.8 – Experimental Probability of Compound Events • Lesson 12.4- 7.SP.3.6- Making Predictions with Experimental Probability • Lesson 13.1 – 7.SP.3.7a – Theoretical Probability of Simple Events • Lesson 13.2 – 7.SP.3.6- Theoretical Probability of Compound Events	12.3- Experimental of Compound Intro to Theoretical Probability 13.1- Theoretical Probability Simple Event 13.2- Theoretical Probability Compound Event

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Quarter 4 Mar 19 – May 24	1 3/19 – 3/23	• Lesson 13.3 – 7.SP.3.6 – Making Predictions with Theoretical Probability • **Module 12 & 13 Review and Assessment**	Making Predictions
	2 3/26 – 3/30	• **SPRING BREAK – NO SCHOOL**	
	3 4/2 – 4/6	• Grade 7 Standards Review	**FSA RESOURCES:** **FSA Portal**
	4 4/9 – 4/13	• Grade 7 Standards Review	FSA Style Calculator County Webpage Resources
	5 4/16 – 4/20	• Grade 7 Standards Review	
	6 4/23 – 4/27	• Pre-Algebra Prerequisites and/or Grade 7 Standards Review	
	7 4/30 – 5/4	• Pre-Algebra Prerequisites and/or Grade 7 Standards Review	
	8 5/7 – 5/11	• Pre-Algebra Prerequisites and/or Grade 7 Standards Review	
	9 5/14 – 5/18	• Pre-Algebra Prerequisites and/or Grade 7 Standards Review	
	10 5/21 – 5/24	• Pre-Algebra Prerequisites and/or Grade 7 Standards Review	

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