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Publisher Resource:

Go Math - My.hrw.com
        Username: 55S(student ID)
        Password: FL + mmddyyyy of birth

Other Course Supplemental Resources – by standard and Topic:

IXL Math – Grade 6 Standards

Study Island
        Login: 55s(student #)
        Password: first initial first name + first initial last name + mmddyyyy of birth

FSA Practice: (Please Note: these links work best in Firefox or Chrome)

FSA Portal

PARCC

Smarter Balanced Portal

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 16	1	• Pre-Assessment • Module 1 – Integers - Lesson 1.1 – Identifying Integers and Their Opposites • Lesson 1.2 – Comparing and Ordering Integers • Lesson 1.3 – Absolute Value • Assessment	Lesson 1.1 – Khan Academy Lesson 1.2 – Khan Academy Lesson 1.3 – Khan Academy Lesson 17.1 – Khan Academy Lesson 17.2 – Khan Academy Lesson 17.3 – Khan Academy Lesson 17.4 – Khan Academy Lesson 18.1 – Khan Academy Lesson 18.2 – Khan Academy Lesson 18.3 – Khan Academy Lesson 3.1 – Khan Academy Lesson 3.2 – Khan Academy Lesson 3.3 – Khan Academy Lesson 9.2 – Khan Academy Lesson 2.1– Khan Academy Lesson 2.2– Khan Academy Lesson 4.1 – Khan Academy Lesson 4.2 – Khan Academy Lesson 4.3 – Khan Academy Lesson 4.4 – Khan Academy Lesson 5.2 – Khan Academy Lesson 5.3 – Khan Academy Lesson 5.1 – Khan Academy Lesson 5.4 – Khan Academy Lesson 5.1 – Khan Academy Lesson 5.4 – Khan Academy Lesson 5.5 – Khan Academy Lesson 6.1 – Khan Academy
	2	• Module 17 – Adding and Subtracting Integers - Lesson 17.1 – Adding Integers with the Same Sign • Lesson 17.2 – Adding Integers with Different Signs • Lesson 17.3 – Subtracting Integers • Lesson 17.4 – Applying Addition and Subtraction of Integers	
	3	• Module 18 – Multiplying and Dividing Integers - Lesson 18.1 - Multiplying Integers • Lesson 18.2 – Dividing Integers • Lesson 18.3 – Applying Integer Operations • Assessment	
	4	• Assessment • Module 3 – Rational Numbers - 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	
	5	• Module 9 – Generating Equivalent Numerical Expressions - Lesson 9.2 – Prime Factorization • Module 2 - Factors and Multiples - Lesson 2.1 – Greatest Common Factor • Lesson 2.2 – Least Common Multiple	
	6	• Assessment • Module 4 – Operations with Fractions - Lesson 4.1 – Applying GCF and LCM to Fraction Operations	
	7	• Lesson 4.2- Dividing Fractions • Lesson 4.3 - Dividing Mixed Numbers • Lesson 4.4 - Solving Multistep Problems with Fractions and Mixed Numbers • Assessment	
	8	• Module 5 – Operations with Decimals - Lesson 5.2 – Adding and Subtracting Decimals • Lesson 5.3 – Multiplying Decimals • Lesson 5.1 – Dividing Whole Numbers • Lesson 5.4 – Dividing Decimals	
	9	• Lesson 5.1 – Dividing Whole Numbers • Lesson 5.4 – Dividing Decimals • Lesson 5.5 – Applying Operations with Rational Numbers • Assessment	
	10	• Module 6 – Representing Ratios and Rates - Lesson 6.1 – Ratios • Quarter Assessment	

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Grade 6 Mathematics Advanced · 2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 19 – Dec 18	1	• Module 6 – Representing Ratios and Rates - Lesson 6.2 - Rates • Lesson 6.3 – Ratios and Rates to Solve Problems	Lesson 6.2 – Khan Academy Lesson 6.3 – Khan Academy
	2	• Assessment • Module 12 – Relationships in Two Variables - Lesson 12.1 – Graphing on the Coordinate Plane • Module 7 – Applying Ratios and Rates - Lesson 7.1 - Ratios, Rates, Tables and Graphs • Lesson 7.2 – Solving Problems with Proportions	Lesson 12.1 – Khan Academy Lesson 7.1 – Khan Academy Lesson 7.2 – Khan Academy
	3	• Lesson 7.2 – Solving Problems with Proportions • Lesson 7.3 – Converting within Measurement Systems • Lesson 7.4 – Converting between Measurement Systems • Assessment	Lesson 7.2 – Khan Academy Lesson 7.3 – Khan Academy Lesson 7.4 – Khan Academy
	4	• Module 8 – Percents - Lesson 8.1 – Understanding Percent • Lesson 8.2 – Percent, Fractions and Decimals	Lesson 8.1 – Khan Academy Lesson 8.2 – Khan Academy
	5	• Lesson 8.3 - Solving Percent Problems • Assessment • Module 9 – Generating Equivalent Numerical Expressions - Lesson 9.1 – Exponents • Lesson 9.3 – Order of Operations	Lesson 8.3 – Khan Academy Lesson 9.1 – Khan Academy Lesson 9.3 – Khan Academy
	6	• Lesson 9.1 – Exponents • Lesson 9.3 – Order of Operations • Assessment	Lesson 9.1 – Khan Academy Lesson 9.3 – Khan Academy
	7	• Module 10 – Generating Equivalent Algebraic Expressions - 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
	8	• Lesson 10.3 – Generating Equivalent Expressions • Assessment	Lesson 10.3 – Khan Academy
	9	• Semester Assessment	

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	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 5 – Mar 18	1	• Module 11 – Equations and Relationships - Lesson 11.1 – Writing Equations to Represent Situations • Lesson 11.2 - Addition and Subtraction Equations	Lesson 11.1 – Khan Academy Lesson 11.2 – Khan Academy
	2	• Lesson 11.2 – Addition and Subtraction Equations • Lesson 11.3 – Multiplication and Division Equations • Lesson 11.4 – Writing Inequalities	Lesson 11.3 – Khan Academy Lesson 11.4 – Khan Academy
	3	• Lesson 11.4 - Solving Inequalities • Assessment	Lesson 11.4 – Khan Academy
	4	• Module 12 – Relationships in Two Variables - 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
	5	• Lesson 12.4 – Representing Algebraic Relationships in Tables and Graphs • Assessment • Module 13 – Are and Polygons - Lesson 13.1 Area of Quadrilaterals and Classification of Quadrilaterals	Lesson 12.4 – Khan Academy Lesson 13.1 – Khan Academy
	6	• Lesson 13.1 Area of Quadrilaterals and Classification of Quadrilaterals • Lesson 13.2 – Area of Triangles • Module 14 – Distance and Area in the Coordinate Plane - Lesson 14.1 – Distance in the Coordinate Plane • Lesson 14.2 – Polygons in the Coordinate Plane	Lesson 13.1 – Khan Academy Lesson 13.2 – Khan Academy Lesson 14.1 – Khan Academy Lesson 14.2 – Khan Academy
	7	• Module 13 – Area and Polygons - Lesson 13.3 – Solving Area Equations • Lesson 13.4 – Area of Polygons	Lesson 13.3 – Khan Academy Lesson 13.4 – Khan Academy
	8	• Lesson 13.4 – Area of Polygons • Assessment	
	9	• Module 15 – Surface Area and Volume of Solids - Lesson 15.1 – Nets and Surface Area • Lesson 15.2 – Volume of Rectangular Prisms • Lesson 15.3 – Solving Volume Equations	Lesson 15.1 – Khan Academy Lesson 15.2 – Khan Academy Lesson 15.3 – Khan Academy
	10	• Lesson 15.3 – Solving Volume Equations • Assessment • Module 16 – Displaying, Analyzing, and Summarizing Data - Lesson 16.1- Measures of Center • Lesson A.1 – Ratios and Pi	Lesson 16.1 – Khan Academy Lesson A.1 – IXL Math
	11	• Lesson 16.1 – Measure of Center • Lesson A.1 – Ratios and Pi • Quarter Assessment	

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Week	Major Concepts / Topics	Possible Resources
Quarter 4 **Mar 29 – May 26**		
1	• Module 16 – Displaying, Analyzing, and Summarizing Data - Lesson 16.2 – Mean Absolute Deviation • Lesson 16.3 – Box Plots	Lesson 16.2 – Khan Academy Lesson 16.3 – Khan Academy
2	• Lesson 16.4 – Dot Plots and Data Distribution • Lesson 16.5 – Histograms • Assessment	Lesson 16.4 – Khan Academy Lesson 16.5 – Khan Academy
3	• Assessment	
4	• Module 19 – Rational Numbers - Lesson 19.1 – Rational Numbers and Decimals	Lesson 19.1 – Khan Academy
5	• Lesson 19.2 - Adding Rational Numbers • Lesson 19.3 – Subtracting Rational Numbers • Lesson 19.4 – Multiplying Rational Numbers	Lesson 19.2 – Khan Academy Lesson 19.3 – Khan Academy Lesson 19.4 – Khan Academy
6	• Lesson 19.4 – Multiplying Rational Numbers • Lesson 19.5 – Dividing Rational Numbers	Lesson 19.5 – Khan Academy
7	• Lesson 19.6 – Applying Rational Numbers Operations • Lesson 19.7 – Algebraic Expressions	Lesson 19.6 – Khan Academy Lesson 19.7 – Khan Academy
8	• Module 20 – Rates and Proportionality - Lesson 20.1 – Unit Rates • Lesson 20.2 - Constant Rates of Change • Lesson 20.3 - Proportional Relationships and Graphs	Lesson 20.1 – Khan Academy Lesson 20.2 – Khan Academy Lesson 20.3 – Khan Academy
9	• Module 21 – Proportions and Percent - Lesson 21.1 – Percent Increase and Decrease • Lesson 21.2 – Rewriting Percent Expressions • Lesson 21.3 – Applications of Percent • Semester Assessment	Lesson 21.1 – Khan Academy Lesson 21.2 – Khan Academy Lesson 21.3 – Khan Academy

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