

Grade 6 Mathematics

2015 – 2016

Please Note:

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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](#)

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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 16	1	<ul style="list-style-type: none"> • Pre-test • Module 1 – Integers – Lesson 1.1 – Identifying Integers and Their Opposites • Lesson 1.2 – Comparing and Ordering Integers • Lesson 1.3 – Absolute Value 	Lesson 1.1 – Khan Academy Lesson 1.2 – Khan Academy Lesson 1.3 – Khan Academy
	2	<ul style="list-style-type: none"> • Module 1 – Integers – Lesson 1.3 – Absolute Values • 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 	Lesson 3.1 – Khan Academy Lesson 3.2 – Khan Academy Lesson 3.3 – Khan Academy
	3	<ul style="list-style-type: none"> • Assessment • 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 	Lesson 9.2 – Khan Academy Lesson 2.1 and 2.2 – Khan Academy
	4	<ul style="list-style-type: none"> • Review • Assessment • Module 4 – Operations with Fractions – Lesson 4.1 – Applying GCF and LCM to Fraction Operations (multiplying) 	Lesson 4.1 – Khan Academy
	5	<ul style="list-style-type: none"> • Module 4 – Operations with Fractions – Lesson 4.2 – Dividing Fractions • Lesson 4.3 – Dividing Mixed Numbers 	Lesson 4.2 and 4.3 – Khan Academy
	6	<ul style="list-style-type: none"> • Assessment • Module 4 – Operations with Fractions – Lesson 4.4 Solving Multistep Problems with Fractions and Mixed Numbers • Module 5 – Operations and Decimals – Lesson 5.2 – Adding and Subtracting Decimals • Lesson 5.3 – Multiplying Decimals 	Lesson 4.4 – Khan Academy Lesson 5.2 – Khan Academy Lesson 5.3 – Khan Academy
	7	<ul style="list-style-type: none"> • Module 5 – Operations and Decimals – Lesson 5.3 – Multiplying Decimals • Lesson 5.1 – Dividing Whole Numbers • Lesson 5.4 – Dividing Decimals • Lesson 5.5 – Applying Operations with Rational Numbers • Review 	Lesson 5.1 – Khan Academy Lesson 5.4 and 5.5 – Khan Academy
	8	<ul style="list-style-type: none"> • Assessment • Module 6 – Representing Ratios and Rates – Lesson 6.1 - Ratios 	Lesson 6.1 – Khan Academy
	9	<ul style="list-style-type: none"> • Module 6 – Representing Ratios and Rates – Lesson 6.1 – Ratios • Lesson 6.2 – Rates • Lesson 6.3 – Using Ratios and Rates to Solve Problems 	Lesson 6.2 – Khan Academy Lesson 6.3 – Khan Academy
	10	<ul style="list-style-type: none"> • Assessment • Module 12 – Relationships in Two Variables – Lesson 12.1 Graphing on the Coordinate Plane • Quarter 1 Assessment 	Lesson 12.1 – Khan Academy

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Quarter 2 Oct 19 – Dec 18	1	<ul style="list-style-type: none"> • Module 7 – Applying Rates and Ratios – Lesson 7.1 – Ratios, Rates, Tables and Graphs • Lesson 7.2 – Solving Problems with Proportions 	Lesson 7.1 and 7.2 – Khan Academy
	2	<ul style="list-style-type: none"> • Module 7 – Applying Rates and Ratios – Lesson 7.3 – Converting within Measurement Systems • Lesson 7.4 – Converting Between Measurement Systems • Assessment 	Lesson 7.3 and 7.4 – Khan Academy
	3	<ul style="list-style-type: none"> • Assessment • Module 8 – Percents – Lesson 8.1 – Understanding Percent • Lesson 8.2 – Percents, Fractions, and Decimals 	Lesson 8.1 – Khan Academy Lesson 8.2 – Khan Academy
	4	<ul style="list-style-type: none"> • Module 8 – Percents – Lesson 8.3 – Solving Percent Problems • Assessment 	Lesson 8.3 – Khan Academy
	5	<ul style="list-style-type: none"> • Module 9 – Generating Equivalent Numerical Expressions – Lesson 9.1 – Exponents • Lesson 9.3 – Order of Operations • Assessment • Module 10 – Generating Equivalent Algebraic Expressions – Lesson 10.1 – Modeling and Writing Expressions 	Lesson 9.1 and 9.3 – Khan Academy Lesson 10.1 – Khan Academy
	6	<ul style="list-style-type: none"> • Module 10 – Generating Equivalent Algebraic Expressions – Lesson 10.1 – Modeling and Writing Expressions • Lesson 10.2 – Evaluating Expressions 	Lesson 10.2 – Khan Academy
	7	<ul style="list-style-type: none"> • Module 10 – Generating Equivalent Algebraic Expressions – Lesson 10.3 – Generating Equivalent Expressions • Assessment 	Lesson 10.3 – Khan Academy
	8	<ul style="list-style-type: none"> • Assessment • Module 11 – Equations and Relationships – 11.1 Writing Equations to Represent Situations 	Lesson 11.1 – Khan Academy
	9	<ul style="list-style-type: none"> • Module 11 – Equations and Relationships – 11.2 – Addition and Subtraction Equations • Semester Assessment 	Lesson 11.2 – Khan Academy

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Quarter 3 Jan 5 – Mar 18	1	<ul style="list-style-type: none"> • Review • Module 11 – Equations and Relationships – Lesson 11.3 – Multiplication and Division Equations • Lesson 11.4 – Writing Inequalities 	Lesson 11.3 – Khan Academy Lesson 11.4 – Khan Academy
	2	<ul style="list-style-type: none"> • Module 11 – Equations and Relationships – Lesson 11.4 – Writing Inequalities, • Assessment • Module 12 – Relationships in Two Variables – Lesson 12.2 – Independent and Dependent Variables in Tables and Graphs 	Lesson 12.2 – Khan Academy
	3	<ul style="list-style-type: none"> • Module 12 – Relationships in Two Variables – Lesson 12.3 – Writing Equations from Tables • Lesson 12.4 – Representing Algebraic Relationships in Tables and Graphs 	Lesson 12.3 and 12.4 – Khan Academy
	4	<ul style="list-style-type: none"> • Assessment • Module 13 – Area and Polygons – Lesson 13.1 Area of Quadrilaterals and Classification of Quadrilaterals 	Lesson 13.1 – Khan Academy
	5	<ul style="list-style-type: none"> • Module 13 – Area and Polygons – Lesson 13.1 Area of Quadrilaterals and Classification of Quadrilaterals • Lesson 13.2 – Area of Triangles • Lesson 13.3 – Solving Area Equations 	Lesson 13.2 and 13.3 – Khan Academy
	6	<ul style="list-style-type: none"> • Module 13 – Area and Polygons – Lesson 13.3 – Solving Area Equations • Lesson 13.4 – Area of Polygons • Module 14 – Distance and Area in Coordinate Plane – Lesson 14.1 – Distance in the Coordinate Plane 	Lesson 13.3 and 13.4 – Khan Academy Lesson 14.1 – Khan Academy
	7	<ul style="list-style-type: none"> • Module 14 – Distance and Area in Coordinate Plane – Lesson 14.2 – Polygons in the Coordinate Plane • Assessment 	Lesson 14.2 – Khan Academy
	8	<ul style="list-style-type: none"> • Assessment • Module 15 – Surface Area and Volume of Solids – Lesson 15.1 – Nets and Surface Area 	Lesson 15.1 – Khan Academy
	9	<ul style="list-style-type: none"> • Module 15 – Surface Area and Volume of Solids – Lesson 15.2 – Volume of Rectangular Prisms • Lesson 15.3 – Solving Volume Equations • Review 	Lesson 15.2 and 15.3 – Khan Academy
	10	<ul style="list-style-type: none"> • Review • Assessment • Lesson A.1 – Standard MAFS.6.RP.1.3.e 	Lesson A.1 – IXL Math
	11	<ul style="list-style-type: none"> • Quarter Assessment 	

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	Week	Major Concepts / Topics	Possible Resources
Quarter 4 Mar 29 – May 26	1	<ul style="list-style-type: none"> Module 16 – Displaying, Analyzing, and Summarizing Data – Lesson 16.1 – Measures of Center 	Lesson 16.1 – Khan Academy
	2	<ul style="list-style-type: none"> 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
	3	<ul style="list-style-type: none"> Module 16 – Displaying, Analyzing, and Summarizing Data – Lesson 16.3 – Box Plots Lesson 16.4 – Dot Plots and Data Distribution 	Lesson 16.4 – Khan Academy
	4	<ul style="list-style-type: none"> Module 16 – Displaying, Analyzing, and Summarizing Data – Lesson 16.4 – Dot Plots and Data Distribution Lesson 16.5 - Histograms 	Lesson 16.5 – Khan Academy
	5	<ul style="list-style-type: none"> Module 16 – Displaying, Analyzing, and Summarizing Data – Lesson 16.5 – Histograms Assessment 	
	6	<ul style="list-style-type: none"> Assessment Performance Tasks - Integers 	
	7	<ul style="list-style-type: none"> Performance Tasks - Integers 	
	8	<ul style="list-style-type: none"> Performance Tasks - Rational Numbers 	
	9	<ul style="list-style-type: none"> Assessment 	

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