

Please Note:

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Publisher Resource:

HMH (Holt McDougal) - My.hrw.com

Username: SJCSD55FLs#####

Password: First initial + last initial + the student birthday in MMDDYYYY format (initials must be in CAPS)

Other Course Supplemental Resources – by standard and Topic:

[IXL Math – Grade 7 Standards](#)

[IXL Math – Grade 8 Standards](#)

[Study Island](#) (use student Active Directory)

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

[FSA Portal](#)

[FSA Scientific Calculator](#)

[Equation Editor Item Tutorial](#)

[PARCC](#)

[Smarter Balanced Portal](#)

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Grade 7 Advanced Mathematics

2016 – 2017

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 14	1 8/10 - 8/12	<ul style="list-style-type: none"> • Lesson 9.1 Rational and Irrational Numbers • Lesson 9.2 - Sets of Real Numbers 	Lesson 9.1 - Khan Academy Lesson 9.2 - Khan Academy
	2 8/15 – 8/19	<ul style="list-style-type: none"> • Lesson 9.2 - Sets of Real Numbers • Lesson 9.3 - Ordering Real Numbers • Module 9 Assessment 	Lesson 9.2 - Khan Academy Lesson 9.3 - Khan Academy
	3 8/22 – 8/26	<ul style="list-style-type: none"> • Lesson 10.1 - Integer Exponents • Lesson 10.2 - Scientific Notation with Positive Powers of 10 • Lesson 10.3 - Scientific Notation with Negative Powers of 10 	Lesson 10.1 - Khan Academy Lesson 10.2 - Khan Academy Lesson 10.3 - Khan Academy
	4 8/29 – 9/2	<ul style="list-style-type: none"> • Lesson 10.3 - Scientific Notation with Negative Powers of 10 • Lesson 10.4 - Operations with Scientific Notation • Module 10 Assessment 	Lesson 10.3 - Khan Academy Lesson 10.4 - Khan Academy
	5 9/6 – 9/9	<ul style="list-style-type: none"> • Lesson 1.1 - Algebraic Expressions • Lesson 1.2 - One-Step Equations with Rational Coefficients 	Lesson 1.1 – Khan Academy Lesson 1.2 – Khan Academy
	6 9/12 – 9/16	<ul style="list-style-type: none"> • Lesson 1.3 Writing Two-Step Equations • Lesson 1.4 - Solving Two-Step Equations • Module 1 Assessment 	Lesson 1.3 – Khan Academy
	7 9/19 – 9/23	<ul style="list-style-type: none"> • Lesson 2.1 Writing and Solving One-Step Inequalities • Lesson 2.2 - Writing Two-Step Inequalities • Lesson 2.3 - Solving Two-Step Inequalities • Module 2 Assessment 	Lesson 2.1 – Khan Academy Lesson 2.2 – Khan Academy Lesson 2.3 – Khan Academy
	8 9/26 – 9/30	<ul style="list-style-type: none"> • Lesson 15.1 - Equations with the Variable on Both Sides • Lesson 15.2 - Equations with Rational Numbers 	Lesson 15.1 - Khan Academy Lesson 15.2 - Khan Academy
	9 10/3 – 10/7	<ul style="list-style-type: none"> • Lesson 15.3 - Equations with the Distributive Property • Lesson 15.4 - Equations with Many Solutions or No Solution • Module 15 Assessment 	Lesson 15.3 - Khan Academy Lesson 15.4 - Khan Academy
	10 10/10 – 10/14	<ul style="list-style-type: none"> • Lesson 11.1 Representing Proportional Relationships • Lesson 11.2 - Rate of Change and Slope • Lesson 11.3 - Interpreting the Unit Rate • Module 11 Assessment 	Lesson 11.1 - Khan Academy Lesson 11.2 - Khan Academy Lesson 11.3 - Khan Academy

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Quarter 2 Oct 18 – Dec 21	1 10/18 – 10/21	<ul style="list-style-type: none"> • Lesson 12.1 - Representing Linear Nonproportional Relationships • Lesson 12.2 - Determining Slope and y-intercept • Lesson 12.3 - Graphing Linear Nonproportional Relationships Using Slope and y-intercept • Lesson 12.4 - Proportional and Nonproportional Situations • Module 12 Assessment 	Lesson 12.1 - Khan Academy Lesson 12.2 - Khan Academy Lesson 12.3 - Khan Academy Lesson 12.4 - Khan Academy
	2 10/24 – 10/28	<ul style="list-style-type: none"> • Lesson 13.1 - Writing Linear Equations from Situations/ Graphs • Lesson 13.2 - Writing Linear Equations from a Table • Lesson 13.3 - Linear Relationships and Bivariate Data • Module 13 Assessment 	Lesson 13.1 - Khan Academy Lesson 13.2 - Khan Academy Lesson 13.3 - Khan Academy
	3 10/31 – 11/4	<ul style="list-style-type: none"> • Lesson 14.1 - Identifying and Representing Functions • Lesson 14.2 - Describing Functions • Lesson 14.3 - Comparing Functions • Lesson 14.4 - Analyzing Graphs • Module 14 Assessment 	Lesson 14.1 - Khan Academy Lesson 14.2 - Khan Academy Lesson 14.3 - Khan Academy Lesson 14.4 - Khan Academy
	4 11/7 – 11/10	<ul style="list-style-type: none"> • Lesson 16.1 Solving Systems of Linear Equations by Graphing • Lesson 16.2 - Solving Systems by Substitution • Lesson 16.3 - Solving Systems by Elimination 	Lesson 16.1 - Khan Academy Lesson 16.2 - Khan Academy Lesson 16.3 - Khan Academy
	5 11/14 – 11/22	<ul style="list-style-type: none"> • Lesson 16.4 - Solving Systems by Elimination with Multiplication • Lesson 16.5 - Solving Special Systems • Module 16 Assessment 	Lesson 16.4 - Khan Academy Lesson 16.5 - Khan Academy
	6 11/28 – 12/2	<ul style="list-style-type: none"> • Lesson 17.1 Properties of Translations • Lesson 17.2 - Properties of Reflections • Lesson 17.3 - Properties of Rotations 	Lesson 17.1 - Khan Academy Lesson 17.2 - Khan Academy Lesson 17.3 - Khan Academy
	7 12/5 – 12/9	<ul style="list-style-type: none"> • Lesson 17.4 - Algebraic Representations of Transformations • Lesson 17.5 - Congruent Figures • Module 17 Assessment 	Lesson 17.4 - Khan Academy Lesson 17.5 - Khan Academy
	8 12/12 – 12/16	<ul style="list-style-type: none"> • Lesson 18.1 Properties of Dilations • Lesson 18.2 - Algebraic Representations of Dilations 	Lesson 18.1 - Khan Academy Lesson 18.2 - Khan Academy
	9 12/19 – 12/21	<ul style="list-style-type: none"> • Lesson 18.3 - Similar Figures • Module 18 Assessment 	Lesson 18.3 - Khan Academy

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Quarter 3 Jan 5 – Mar 10	1 1/5 – 1/6	<ul style="list-style-type: none"> • Lesson 3.1 Similar Shapes and Scale Drawings • Lesson 3.3 - Cross Sections 	Lesson 3.3 – Khan Academy
	2 1/9 – 1/13	<ul style="list-style-type: none"> • Lesson 3.4 - Angle Relationships • Lesson 3.2 - Geometric Drawings 	Lesson 3.4 – Khan Academy Lesson 3.2 – Khan Academy
	3 1/17 – 1/20	<ul style="list-style-type: none"> • Module 3 Assessment • Lesson 19.1 Parallel Lines Cut by a Transversal • Lesson 19.2 - Angle Theorems for Triangles 	Lesson 19.1 - Khan Academy Lesson 19.2 - Khan Academy
	4 1/23 – 1/27	<ul style="list-style-type: none"> • Lesson 19.3 - Angle-Angle Similarity • Module 19 Assessment 	Lesson 19.3 - Khan Academy
	5 1/30 – 2/3	<ul style="list-style-type: none"> • Lesson 20.1 The Pythagorean Theorem • Lesson 20.2 - Converse of the Pythagorean Theorem 	Lesson 20.1 - Khan Academy Lesson 20.2 - Khan Academy
	6 2/6 – 2/10	<ul style="list-style-type: none"> • Lesson 20.3 - Distance Between Two Points • Module 20 Assessment • Lesson 4.1 Circumference 	Lesson 4.1 – Khan Academy
	7 2/13 – 2/16	<ul style="list-style-type: none"> • Lesson 4.2 - Area of Circles • Lesson 4.3 - Area of Composite Figures • Lesson 4.4 - Solving Surface Area Problems 	Lesson 4.2 – Khan Academy Lesson 4.3 – Khan Academy Lesson 4.4 – Khan Academy
	8 2/21 – 2/24	<ul style="list-style-type: none"> • Lesson 4.5 - Solving Volume Problems • Module 4 Assessment 	Lesson 4.5 – Khan Academy
	9 2/27 – 3/3	<ul style="list-style-type: none"> • Lesson 21.1 Volume of Cylinders • Lesson 21.2 - Volume of Cones 	Lesson 21.1 - Khan Academy Lesson 21.2 - Khan Academy
	10 3/6 – 3/10	<ul style="list-style-type: none"> • Lesson 21.3 - Volume of Spheres • Module 21 Assessment 	Lesson 21.3 - Khan Academy

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Quarter 4 Mar 21 – May 24	1 3/12 – 3/24	<ul style="list-style-type: none"> • Lesson 22.1 - Scatter Plots and Associations 	Lesson 22.1 - Khan Academy
	2 3/27 – 3/31	<ul style="list-style-type: none"> • Lesson 22.2 - Trend Lines and Predictions • Module 22 Assessment 	Lesson 22.2 - Khan Academy
	3 4/3 – 4/7	<ul style="list-style-type: none"> • Lesson 23.1 – Two-Way Frequency Tables • Lesson 23.2 – Two-Way Relative Frequency Tables • Module 23 Assessment 	Lesson 23.1 - Khan Academy Lesson 23.2 - Khan Academy
	4 4/10 – 4/13	<ul style="list-style-type: none"> • Lesson 7.1 Probability • Lesson 7.2 - Experimental Probability of Simple Events 	Lesson 7.1 – Khan Academy Lesson 7.2 – Khan Academy
	5 4/17 – 4/21	<ul style="list-style-type: none"> • Lesson 7.3 - Experimental Probability of Compound Events • Lesson 7.4 - Making Predictions with Experimental Probability • Module 7 Assessment 	Lesson 7.3 – Khan Academy Lesson 7.4 – Khan Academy
	6 4/24 – 4/28	<ul style="list-style-type: none"> • Lesson 8.1 Theoretical Probability of Simple Events • Lesson 8.2 Theoretical Probability of Compound Events 	Lesson 8.1 – Khan Academy Lesson 8.2 – Khan Academy
	7 5/1 – 5/5	<ul style="list-style-type: none"> • Lesson 8.3 - Making Predictions with Theoretical Probability • Lesson 8.4 - Using Technology to Conduct a Simulation • Module 8 Assessment 	Lesson 8.3 – Khan Academy Lesson 8.4 – Khan Academy
	8 5/8 – 5/12	<ul style="list-style-type: none"> • Lesson 5.1 Populations and Samples • Lesson 5.2 - Making Inferences from a Random Sample • Lesson 5.3- Generating Random Samples • Module 5 Assessment 	Lesson 5.1 – Khan Academy Lesson 5.2 – Khan Academy
	9 5/15 – 5/19	<ul style="list-style-type: none"> • Lesson 6.1 Comparing Data Displayed in Dot Plots • Lesson 6.2 - Comparing Data Displayed in Box Plots 	Lesson 6.1 – Khan Academy Lesson 6.2 – Khan Academy
	10 5/22 – 5/24	<ul style="list-style-type: none"> • Lesson 6.3- Mean Absolute Deviation • Module 6 Assessment 	Lesson 6.3 – Khan Academy Grade 7 Review – Florida Students

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