

Please Note:

All standards are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course are best answered by the individual teacher.

Teachers may use a wide variety of instructional materials throughout their course. The Possible Resources listed may include the district adopted instructional resource or supplemental resources that align to the topic and/or standard. These Possible Resources provide sample problems that align to the topic/standard.

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:

[IXL Math – Grade 6 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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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 14	1 8/10 - 8/12	<ul style="list-style-type: none"> Pre-test Module 1 – Integers – Lesson 1.1 – Identifying Integers and Their Opposites 	Lesson 1.1 – Khan Academy
	2 8/15 – 8/19	<ul style="list-style-type: none"> Lesson 1.2 – Comparing and Ordering Integers Lesson 1.3 – Absolute Value Assessment 	Lesson 1.2 – Khan Academy Lesson 1.3 – Khan Academy
	3 8/22 – 8/26	<ul style="list-style-type: none"> 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
	4 8/29 – 9/2	<ul style="list-style-type: none"> Assessment Module 2 – Factors and Multiples – Lesson 2.1 – Greatest Common Factor 	Lesson 2.1 and 2.2 – Khan Academy
	5 9/6 – 9/9	<ul style="list-style-type: none"> Lesson 2.2 – Least Common Multiple Assessment 	Lesson 2.1 and 2.2 – Khan Academy
	6 9/12 – 9/16	<ul style="list-style-type: none"> Module 4 – Operations with Fractions – Lesson 4.1 – Applying GCF and LCM to Fraction Operations (multiplying) Lesson 4.2 – Dividing Fractions 	Lesson 4.1 – Khan Academy Lesson 4.2 and 4.3 – Khan Academy
	7 9/19 – 9/23	<ul style="list-style-type: none"> Lesson 4.3 – Dividing Mixed Numbers Lesson 4.4 Solving Multistep Problems with Fractions and Mixed Numbers Module 5 – Operations and Decimals – Lesson 5.1 – Dividing Whole Numbers 	Lesson 4.2 and 4.3 – Khan Academy Lesson 4.4 – Khan Academy Lesson 5.1 – Khan Academy
	8 9/26 – 9/30	<ul style="list-style-type: none"> Lesson 5.2 – Adding and Subtracting Decimals Lesson 5.3 – Multiplying Decimals Lesson 5.4 – Dividing Decimal 	Lesson 5.2 – Khan Academy Lesson 5.3 – Khan Academy Lesson 5.4 – Khan Academy
	9 10/3 – 10/7	<ul style="list-style-type: none"> Assessment Module 6 – Representing Ratios and Rates – Lesson 6.1 - Ratios 	Lesson 6.1 – Khan Academy
	10 10/10 – 10/14	<ul style="list-style-type: none"> Lesson 6.2 – Rates Lesson 6.3 – Using Ratios and Rates to Solve Problems 	Lesson 6.2 – Khan Academy Lesson 6.3 – Khan Academy

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	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 18 – Dec 21	1 10/18 – 10/21	<ul style="list-style-type: none"> Review and Assessment Module 12 – Relationships in Two Variables – Lesson 12.1 Graphing on the Coordinate Plane 	Lesson 12.1 – Khan Academy
	2 10/24 – 10/28	<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
	3 10/31 – 11/4	<ul style="list-style-type: none"> Lesson 7.3 – Converting within Measurement Systems Lesson 7.4 – Converting Between Measurement Systems Assessment 	Lesson 7.3 and 7.4 – Khan Academy
	4 11/7 – 11/10	<ul style="list-style-type: none"> 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
	5 11/14 – 11/18	<ul style="list-style-type: none"> Lesson 8.3 – Solving Percent Problems Review and Assessment 	Lesson 8.3 – Khan Academy
	6 11/21 – 11/22	<ul style="list-style-type: none"> Module 9 – Generating Equivalent Numerical Expressions – Lesson 9.1 – Exponents 	Lesson 9.1 and 9.3 – Khan Academy
	7 11/28 – 12/2	<ul style="list-style-type: none"> Lesson 9.3 – Order of Operations 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
	8 12/5 – 12/9	<ul style="list-style-type: none"> Lesson 10.2 – Evaluating Expressions Lesson 10.3 – Generating Equivalent Expressions Review and Assessment 	Lesson 10.2 – Khan Academy Lesson 10.3 – Khan Academy
	9 12/12 – 12/16	<ul style="list-style-type: none"> District Exams/ Semester Review 	
	10 12/19 – 12/21	<ul style="list-style-type: none"> District Exams/ Semester Review 	

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Grade 6 Mathematics

2016 – 2017

	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 5 – Mar 10	1 1/5 – 1/6	<ul style="list-style-type: none"> Module 11 – Equations and Relationships – Lesson 11.1 Writing Equations to Represent Situations 	Lesson 11.1 – Khan Academy
	2 1/9 – 1/13	<ul style="list-style-type: none"> Lesson 11.2 – Addition and Subtraction Equations Lesson 11.3 – Multiplication and Division Equations 	Lesson 11.2 – Khan Academy Lesson 11.3 – Khan Academy
	3 1/17 – 1/20	<ul style="list-style-type: none"> Lesson 11.3 – Multiplication and Division Equations Lesson 11.4 – Writing Inequalities 	Lesson 11.3 – Khan Academy Lesson 11.4 – Khan Academy
	4 1/23 – 1/27	<ul style="list-style-type: none"> Assessment 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 12.2 – Khan Academy Lesson 12.3 and 12.4 – Khan Academy
	5 1/30 – 2/3	<ul style="list-style-type: none"> Lesson 12.4 – Representing Algebraic Relationships in Tables and Graphs Assessment Module 13 – Area and Polygons – Lesson 13.1 Area of Quadrilaterals and Classification of Quadrilaterals 	Lesson 12.3 and 12.4 – Khan Academy Lesson 13.1 – Khan Academy
	6 2/6 – 2/10	<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 13.1 – Khan Academy Lesson 13.2 and 13.3 – Khan Academy
	7 2/13 – 2/16	<ul style="list-style-type: none"> Lesson 13.4 – Area of Polygons Module 14 – Distance and Area in Coordinate Plane – Lesson 14.1 – Distance in the Coordinate Plane Lesson 14.2 – Polygons in the Coordinate Plane 	Lesson 13.3 and 13.4 – Khan Academy Lesson 14.1 – Khan Academy Lesson 14.2 – Khan Academy
	8 2/21 – 2/24	<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 2/27 – 3/3	<ul style="list-style-type: none"> Lesson 15.2 – Volume of Rectangular Prisms Lesson 15.3 – Solving Volume Equations 	Lesson 15.2 and 15.3 – Khan Academy
	10 3/6 – 3/10	<ul style="list-style-type: none"> Assessment Module 16 – Displaying, Analyzing, and Summarizing Data – Lesson 16.1 – Measures of Center 	Lesson 16.1 – Khan Academy

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Grade 6 Mathematics

2016 – 2017

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Quarter 4 Mar 21 – May 24	1 3/21 – 3/24	<ul style="list-style-type: none"> • Lesson 16.2 – Mean Absolute Deviation • Lesson 16.3 – Box Plots 	Lesson 16.2 – Khan Academy Lesson 16.3 – Khan Academy
	2 3/27 – 3/31	<ul style="list-style-type: none"> • Lesson 16.3 – Box Plots • Lesson 16.4 – Dot Plots and Data Distribution 	Lesson 16.3 – Khan Academy Lesson 16.4 – Khan Academy
	3 4/3 – 4/7	<ul style="list-style-type: none"> • Lesson 16.5 - Histograms • Assessment • Review - Ratio & Proportional Relationships 	Lesson 16.5 – Khan Academy Ratios, Rates & Percentages – Khan Academy
	4 4/10 – 4/13	<ul style="list-style-type: none"> • Review - Expressions & Equations 	Variables & Expressions Introduction – Khan Academy Equations & Inequalities Introduction – Khan Academy Equivalent Expressions – Khan Academy
	5 4/17 – 4/21	<ul style="list-style-type: none"> • Review - Geometry • Review – Statistics and Probability 	Geometry – Khan Academy Data and Statistics – Khan Academy
	6 4/24 – 4/28	<ul style="list-style-type: none"> • Review - The Number System 	Arithmetic Operations – Khan Academy Negative Numbers – Khan Academy Properties of Numbers – Khan Academy
	7 5/1 – 5/5	<ul style="list-style-type: none"> • Mastering Foundational Skills - Order of Operations • Mastering Foundational Skills - Fractions 	Arithmetic Operations – Khan Academy Fractions – Khan Academy
	8 5/8 – 5/12	<ul style="list-style-type: none"> • Mastering Foundational Skills - Fractions • Mastering Foundational Skills - Decimals 	Fractions – Khan Academy Place Value and Decimals – Khan Academy
	9 5/15 – 5/19	<ul style="list-style-type: none"> • Mastering Foundational Skills - Decimals • Mastering Foundational Skills - Long Division 	Place Value and Decimals – Khan Academy Arithmetic Operations – Khan Academy
	10 5/22 – 5/24	<ul style="list-style-type: none"> • Mastering Foundational Skills - Multiplication 	Arithmetic Operations – Khan Academy

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