

**Please Note:**

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**Publisher Resource:**

HMH (Holt McDougal) - [My.hrw.com](http://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:**

[Math Nation](#) (use student Active Directory)

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

[IXL Math – High School Standards](#)

**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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# Geometry

2016 – 2017

	Week	Major Concepts / Topics	Possible Resources: KHAN ACADEMY
Quarter 1 Aug 10 – Oct 14	1 8/10 - 8/12	<b>Chapter 1 Foundations for Geometry</b> <ul style="list-style-type: none"> <li>Lesson 1.1 Understanding points, lines and planes</li> <li>Lesson 1.2 Measuring and constructing segments</li> <li>Lesson 1.3 Measuring and constructing angles</li> </ul>	<a href="#">1.1 Points Lines and Planes</a> <a href="#">1.2 Measuring and constructing segments</a> <a href="#">1.3 Measuring and constructing angles</a>
	2 8/15 – 8/19	<b>Chapter 1 – Foundations or Geometry</b> <ul style="list-style-type: none"> <li>Lesson 1.4 Pairs of angles</li> <li>Lesson 1.5 Using formulas</li> <li>Lesson 5.7 Pythagorean theorem</li> <li>Lesson 1.6 Midpoint and distance in the coordinate plane</li> <li>Assessment</li> </ul>	<a href="#">1.4 Pairs of angles</a> <a href="#">5.7 Special Right Triangles</a> <a href="#">1.6 Midpoint formula</a> <a href="#">1.6 Distance Formula</a>
	3 8/22 – 8/26	<b>Chapter 2 Geometric Reasoning</b> <ul style="list-style-type: none"> <li>Lesson 2.5 Algebraic proofs</li> <li>Lesson 2.6 and 2.7 Geometric proofs</li> <li>Assessment</li> </ul>	<a href="#">2.5 Algebraic Proofs</a> <a href="#">2.6 Geometric Proofs</a>
	4 8/29 – 9/2	<b>Chapter 3 Parallel and Perpendicular Lines</b> <ul style="list-style-type: none"> <li>Lesson 3.1 Lines and angles</li> <li>Lesson 3.2 angles formed by transversals</li> <li>Lesson 3.3 proving parallel lines</li> </ul>	<a href="#">3.2 angles formed by transversals</a> <a href="#">3.3 Proving Lines are parallel</a>
	5 9/6 – 9/9	<b>Chapter 3 Parallel and Perpendicular Lines</b> <ul style="list-style-type: none"> <li>Lesson 3.4 Perpendicular Lines</li> <li>Lesson 3.5 Slopes of lines</li> </ul>	<a href="#">3.4 Perpendicular Lines</a> <a href="#">3.5 Slope and Lines</a>
	6 9/12 – 9/16	<b>Chapter 3 Parallel and Perpendicular Lines</b> <ul style="list-style-type: none"> <li>Lesson 3.6 Lines in the coordinate plane</li> <li>Review</li> <li>Assessment</li> </ul>	<a href="#">3.6 Lines in the Coordinate Plane</a>
	7 9/19 – 9/23	<b>Chapter 4 Triangle Congruence</b> <ul style="list-style-type: none"> <li>Lesson 4.2 Classifying triangles</li> <li>Lesson 4.3 Angle relationships</li> <li>Lesson 4.9 Isosceles and equilateral triangles</li> <li>Assessment</li> </ul>	<a href="#">4.2 Classify Triangles</a> <a href="#">4.2 Angle Relationship</a> <a href="#">4.9 Isosceles and equilateral triangles</a>
	8 9/26 – 9/30	<b>Chapter 5 Properties of Attributes of Triangles</b> <ul style="list-style-type: none"> <li>Lesson 5.1 Perpendicular and angle bisectors</li> <li>Lesson 5.2 Bisectors of triangles</li> </ul>	<a href="#">5.1 Angle Bisectors</a> <a href="#">5.2 Bisectors of Triangles</a>

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2016 – 2017

	9 10/3 – 10/7	<b>Chapter 5 Properties of Attributes of Triangles</b> <ul style="list-style-type: none"><li>• Lesson 5.3 Medians and altitudes</li><li>• Lesson 5.4 Triangle mid segment theorem</li></ul>	<a href="#">5.3 Medians and altitudes</a> <a href="#">5.4 Triangle Mid segment Theorem</a>
	10 10/10 – 10/14	<b>Chapter 5 Properties of Attributes of Triangles</b> <ul style="list-style-type: none"><li>• Lesson 5.5 Indirect proof and inequalities in one triangle</li><li>• Lesson 5.6 Inequalities in two triangles</li><li>• Review</li><li>• Assessment</li></ul>	<a href="#">5.5 Indirect Proof and Inequalities</a> <a href="#">5.6 Inequalities in Two Triangles</a>

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Quarter 2 Oct 18 – Dec 21	1 10/18 – 10/21	<b>Chapter 1 Foundations for Geometry</b> <ul style="list-style-type: none"> <li>Lesson 1.7 Transformations in the coordinate plane</li> </ul> <b>Chapter 9 Extending Transformational Geometry</b> <ul style="list-style-type: none"> <li>Lesson 9.1 Reflections</li> <li>Lesson 9.2 Translations</li> <li>Lesson 9.3 Rotations</li> </ul>	<a href="#">1.7 Transformations</a> <a href="#">9.1 Reflections</a> <a href="#">9.2 Translations</a> <a href="#">9.3 Rotations</a>
	2 10/24 – 10/28	<b>Chapter 9 Extending Transformational Geometry</b> <ul style="list-style-type: none"> <li>Lesson 9.4 Compositions of transformations</li> <li>Lesson 9.5 Symmetry</li> <li>Assessment</li> </ul>	<a href="#">9.4 Composition of transformations</a> <a href="#">9.5 Symmetry</a>
	3 10/31 – 11/4	<b>Chapter 4 Triangle Congruence</b> <ul style="list-style-type: none"> <li>Lesson 4.1 Congruence in transformations</li> <li>Lesson 4.4 Congruent Triangles</li> <li>Lesson 4.5 Congruent Triangles: SSS, SAS, ASA, AAS, HL</li> <li>Lesson 4.6 Congruent Triangles: SSS, SAS, ASA, AAS, HL</li> </ul>	<a href="#">4.1 Congruency in transformations</a> <a href="#">4.5 Congruent Triangles</a> <a href="#">4.6 Congruent Triangle Practice</a>
	4 11/7 – 11/10	<b>Chapter 4 Triangle Congruence</b> <ul style="list-style-type: none"> <li>Lesson 4.7 Triangle Congruence CPCTC</li> <li>Lesson 4.8 Coordinate Proofs</li> <li>Assessment</li> </ul>	<a href="#">4.7 Triangle Congruency Proofs</a>
	5 11/14 – 11/18	<b>Chapter 6 Polygons and Quadrilaterals</b> <ul style="list-style-type: none"> <li>Lesson 6.1 Properties of regular polygons</li> <li>Lesson 6.2 Properties of parallelograms</li> <li>Lesson 6.3 Conditions of parallelograms</li> </ul>	<a href="#">6.1 Properties of regular polygons</a> <a href="#">6.2 Properties of parallelograms</a> <a href="#">6.3 Conditions of parallelograms</a>
	6 11/21 – 11/22	<b>Chapter 6 Polygons and Quadrilaterals</b> <ul style="list-style-type: none"> <li>Lesson 6.4 Properties of special parallelograms</li> </ul>	<a href="#">6.4 Conditions of parallelograms</a>
	7 11/28 – 12/2	<b>Chapter 6 Polygons and Quadrilaterals</b> <ul style="list-style-type: none"> <li>Lesson 6.5 Conditions for special parallelograms</li> <li>Lesson 6.6 Properties of kites and trapezoids</li> <li>Review</li> <li>Assessment</li> </ul>	<a href="#">6.5 Conditions of Special Parallelograms Rhombus</a> <a href="#">6.6 Properties of Kites and Trapezoids</a>
	8 12/5 – 12/9	<b>Chapter 7 Similarity</b> <ul style="list-style-type: none"> <li>Lesson 7.1 Ratios in similar polygons</li> <li>Lesson 7.2 Similarity in transformations</li> <li>Lesson 7.3 Triangle similarity: AA, SSS, SAS</li> </ul>	<a href="#">7.1 Rations in Similar polygons</a> <a href="#">7.2 Similarity in Transformations</a> <a href="#">7.3 Similarity Triangle Practice</a>

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	9 12/12 – 12/16	<ul style="list-style-type: none"><li>Semester Review</li></ul>	
	10 12/19 – 12/21	<ul style="list-style-type: none"><li>Semester Exams</li></ul>	

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Quarter 3 Jan 5 – Mar 10	1 1/5 – 1/6	<b>Chapter 7 Similarity</b> <ul style="list-style-type: none"> <li>Lesson 7.4 Applying properties of similar triangles</li> </ul>	<a href="#">7.4 Triangle Congruency Proofs</a>
	2 1/9 – 1/13	<ul style="list-style-type: none"> <li>Lesson 7.5 Using proportional relationships</li> <li>Lesson 7.6 Dilations and similarity in the coordinate plane</li> </ul> <b>Chapter 9 Extending Transformational Geometry</b> <ul style="list-style-type: none"> <li>Lesson 9.7 Congruence transformations</li> <li>Assessment</li> </ul>	<a href="#">7.6 Dilations and similarity in the coordinate plane</a>  <a href="#">9.7 Congruence Transformations</a>
	3 1/17 – 1/20	<ul style="list-style-type: none"> <li>Lesson 8.1 Similarity in right triangles</li> <li>Lesson 8.2 Trigonometric ratios</li> <li>Lesson 8.3 Solving right triangles</li> </ul>	<a href="#">8.1 Similarity in right triangles</a> <a href="#">8.2 Trigonometric Ratios</a> <a href="#">8.3 Solving Right Triangles</a>
	4 1/23 – 1/27	<b>Chapter 8 Right Triangles and Trigonometry</b> <ul style="list-style-type: none"> <li>Lesson 8.4 Angles of elevation and depression</li> <li>Review</li> <li>Assessment</li> </ul>	<a href="#">8.4 Angles of elevation and depression</a>
	5 1/30 – 2/3	<b>Chapter 10 Extending Perimeter, Circumference, and Area</b> <ul style="list-style-type: none"> <li>Lesson 10.1 Developing formulas for triangles and quadrilaterals</li> <li>Lesson 10.2 Developing formulas for circles</li> </ul>	<a href="#">10.1 Developing formulas for triangles and quadrilaterals</a> <a href="#">10.2 Developing Formulas for Circles</a>
	6 2/6 – 2/10	<b>Chapter 10 Extending Perimeter, Circumference, and Area</b> <ul style="list-style-type: none"> <li>Lesson 10.4 Perimeter and area in the coordinate plane</li> <li>Lesson 10.5 Effects of changing dimensions proportionally</li> <li>Assessment</li> </ul>	<a href="#">10.4 Area of shapes on coordinate plane</a> <a href="#">10.5 effects of changing dimensions</a>
	7 2/13 – 2/16	<b>Chapter 11 Spatial Reasoning</b> <ul style="list-style-type: none"> <li>Lesson 11.1 Solid geometry</li> <li>Lesson 11.2 Volumes of prisms and cylinders</li> <li>Lesson 11.4 Volume of spheres</li> </ul>	<a href="#">11.1 Solid Geometry</a> <a href="#">11.2 Volume of Cylinder</a> <a href="#">11.4 Volume of Sphere</a>
	8 2/21 – 2/24	<ul style="list-style-type: none"> <li>Surface Area of all polygons</li> <li>Review</li> </ul>	<a href="#">Surface Area</a>
	9 2/27 – 3/3	<b>Chapter 11 Spatial Reasoning</b> <ul style="list-style-type: none"> <li>Volume Assessment</li> </ul> <b>Chapter 12 Circles</b> <ul style="list-style-type: none"> <li>Lesson 12.1 Lines that intersect circles</li> </ul>	
	10 3/6 – 3/10	<b>Chapter 12 Circles</b> <ul style="list-style-type: none"> <li>12.2 Arcs and Chords</li> </ul>	<a href="#">12.2 Arcs and Chords</a>

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Quarter 4 Mar 21 – May 24	1 3/12 – 3/24	<b>Chapter 12 Circles</b> <ul style="list-style-type: none"> <li>• 12.3 Sector area</li> <li>• 12.4 Inscribed angles</li> <li>• 12.5 Angle relationships and circles</li> </ul>	<a href="#">12.3 Sector Area</a> <a href="#">12.4 Inscribed angles</a>
	2 3/27 – 3/31	<b>Chapter 12 Circles</b> <ul style="list-style-type: none"> <li>• Lesson 12.6 Segment relationships in circles</li> <li>• Lesson 12.7 Circles in the coordinate plane</li> <li>• Assessment</li> </ul>	<a href="#">12.6 Secant tangent product theorem</a> <a href="#">12.7 Graphing circles on the coordinate plane</a>
	3 4/3 – 4/7	<ul style="list-style-type: none"> <li>• Course Review</li> </ul>	<a href="#">Paper Based EOC Practice Test</a> <a href="#">Computer Based EOC Practice Test</a>
	4 4/10 – 4/13	<ul style="list-style-type: none"> <li>• Course Review</li> </ul>	
	5 4/17 – 4/21	<ul style="list-style-type: none"> <li>• Course Review</li> </ul>	
	6 4/24 – 4/28	<ul style="list-style-type: none"> <li>• Standards Based Performance Tasks</li> </ul>	
	7 5/1 – 5/5	<ul style="list-style-type: none"> <li>• Standards Based Performance Tasks and Algebra Standards Review</li> </ul>	
	8 5/8 – 5/12	<ul style="list-style-type: none"> <li>• Standards Based Performance Tasks</li> </ul>	
	9 5/15 – 5/19	<ul style="list-style-type: none"> <li>• Standards Based Performance Tasks</li> </ul>	
	10 5/22 – 5/24	<ul style="list-style-type: none"> <li>• Final Exams</li> </ul>	

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