

**Please Note:**

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**Publisher Resource:**

McGraw Hill – [Cinch Learning](#) (use student Active Directory)

**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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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 14	1 8/10 - 8/12	<ul style="list-style-type: none"> <li>• <b>Chapter 1 Tools of Geometry</b></li> <li>• Algebra Review (Simplify Radicals, Equations of Lines)</li> <li>• Lesson 1.1 - Points, Lines, Planes</li> </ul>	Lesson 1.1 - <a href="#">Khan Academy</a>
	2 8/15 – 8/19	<ul style="list-style-type: none"> <li>• <b>Chapter 1 Tools of Geometry</b></li> <li>• Lesson 1.2 - Linear Measure</li> <li>• Lesson 1.3 - Distance &amp; Midpoint</li> <li>• Lesson 1.4 - Angle Measures</li> <li>• Lesson 1.5 - Angle Relationships</li> <li>• Lesson 1.6 - 2D Figures, Polygons</li> </ul>	Lesson 1.2 - <a href="#">Khan Academy</a> Lesson 1.3 - <a href="#">Khan Academy</a> Lesson 1.3 - <a href="#">Khan Academy</a> Lesson 1.4 - <a href="#">Khan Academy</a> Lesson 1.5 - <a href="#">Khan Academy</a> Lesson 1.6 - 2D Figures, Polygons <a href="#">Khan Academy</a>
	3 8/22 – 8/26	<ul style="list-style-type: none"> <li>• <b>Chapter 1 Tools of Geometry</b></li> <li>• Lesson 1.6 - Applications (basic area)</li> <li>• Lesson 1.3 - Applications (perimeter)</li> <li>• <b>Constructions</b></li> <li>• Ch. 1 Review Activities</li> <li>• Assessment</li> </ul>	Lesson 1.6 – Applications <a href="#">Khan Academy</a>  Constructions- <a href="#">Khan Academy</a>
	4 8/29 – 9/2	<ul style="list-style-type: none"> <li>• <b>Chapter 2 Reasoning and Proof</b></li> <li>• Lesson 2.6 - Algebraic Proofs</li> <li>• Lesson 2.5 - Post &amp; paragraph proofs</li> <li>• Lesson 2.7 - Proving Segment Relationships</li> </ul>	Lesson 2.5 - <a href="#">Khan Academy</a> Lesson 2.7 - <a href="#">Khan Academy</a>
	5 9/6 – 9/9	<ul style="list-style-type: none"> <li>• <b>Chapter 2 Reasoning and Proof</b></li> <li>• Lesson 2.8 - Proving Angle Relationships</li> <li>• Ch. 2 Review Activities</li> <li>• Assessment</li> </ul>	Lesson 2.8 - <a href="#">Khan Academy</a>
	6 9/12 – 9/16	<ul style="list-style-type: none"> <li>• <b>Chapter 3 Parallel and Perpendicular Lines</b></li> <li>• Lesson 3.1 - Parallel Lines &amp; Transversals</li> <li>• Lesson 3.2 - Angles &amp; Parallel Lines</li> <li>• Lesson 3.3 - Slopes of Lines</li> <li>• Lesson 3.4 - Equations of Lines</li> </ul>	Lesson 3.1 - <a href="#">Khan Academy</a> Lesson 3.2 - <a href="#">Khan Academy</a> Lesson 3.3 - <a href="#">Khan Academy</a> Lesson 3.4 - <a href="#">Khan Academy</a>

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# Geometry Honors

2016 – 2017

7 9/19 – 9/23	<ul style="list-style-type: none"> <li>• <b>Chapter 3 Parallel and Perpendicular Lines</b></li> <li>• Lesson 3.5 - Proving Lines Parallel</li> <li>• Lesson 3.6 - Perpendiculars &amp; Distance</li> <li>• Constructions</li> <li>• Ch. 3 Review Activities</li> </ul>	Parallel vs. Perpendicular <a href="#">Khan Academy</a> Lesson 3.5 - <a href="#">Khan Academy</a> Lesson 3.6 - <a href="#">Khan Academy</a> Constructions - <a href="#">Khan Academy</a>
8 9/26 – 9/30	<ul style="list-style-type: none"> <li>• Assessment</li> <li>• <b>Chapter 4 Congruent Triangles</b></li> <li>• Lesson 4.1 - Classifying Triangles</li> <li>• Lesson 4.2 - Angles of Triangles</li> <li>• Lesson 4.3- Congruent Triangles</li> <li>• Lesson 4.5- Proving Triangles Congruent: ASA, AAS</li> <li>• Lesson 4.4, 4.5 - proofs</li> </ul>	Lesson 4.1 - <a href="#">Khan Academy</a> Lesson 4.2 - <a href="#">Khan Academy</a> Lesson 4.3 - <a href="#">Khan Academy</a> Lesson 4.4 - <a href="#">Khan Academy</a> Lesson 4.5 - <a href="#">Khan Academy</a>
9 10/3 – 10/7	<ul style="list-style-type: none"> <li>• <b>Chapter 4 Congruent Triangles</b></li> <li>• HL theorem and CPCTC</li> <li>• Lesson 4.6 - Isosceles &amp; Equilateral Triangles</li> <li>• Lesson 4.8 - Triangles &amp; Coordinate Proof</li> <li>• Lesson 4.8 - Applications w/variable expressions*</li> </ul>	Lesson 4.6 - <a href="#">Khan Academy</a>
10 10/10 – 10/14	<ul style="list-style-type: none"> <li>• Review Activities</li> <li>• Assessment</li> <li>• <b>Chapter 5 Relationships in Triangles</b></li> <li>• Lesson 5.1 - Bisectors of Triangles</li> </ul>	Lesson 5.1 - <a href="#">Khan Academy</a>

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2016 – 2017

	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 18 – Dec 21	1 10/18 – 10/21	<ul style="list-style-type: none"> <li>• <b>Chapter 5 Relationships in Triangles</b></li> <li>• Lesson 5.2 - Medians &amp; Altitudes</li> <li>• Constructions</li> <li>• Lesson 5.3 - Inequalities in 1 Triangle</li> </ul>	Lesson 5.2 - <a href="#">Khan Academy</a>
	2 10/24 – 10/28	<ul style="list-style-type: none"> <li>• <b>Chapter 5 Relationships in Triangles</b></li> <li>• Lesson 5.5 - The Triangle Inequality</li> <li>• Lesson 5.6 - Inequalities in 2 Triangles</li> <li>• Ch. 5 Review Activities</li> <li>• Assessment</li> </ul>	Lesson 5.5 - <a href="#">Khan Academy</a>
	3 10/31 – 11/4	<ul style="list-style-type: none"> <li>• <b>Chapter 6 Quadrilaterals</b></li> <li>• Lesson 6.1 - Angles of Polygons</li> <li>• Lesson 6.2 - Parallelograms</li> <li>• Lesson 6.3 - Tests for Parallelograms</li> <li>• Lesson 6.4 – Rectangles</li> <li>• Lesson 6.5 - Rhombi &amp; Squares</li> </ul>	Lesson 6.1- <a href="#">Khan Academy</a> Lesson 6.2- <a href="#">Khan Academy</a> Lesson 6.3- <a href="#">Khan Academy</a> Lesson 6.4 - <a href="#">Khan Academy</a> Lesson 6.5 - <a href="#">Khan Academy</a>
	4 11/7 – 11/10	<ul style="list-style-type: none"> <li>• <b>Chapter 6 Quadrilaterals</b></li> <li>• Lesson 6.6- Trapezoids &amp; Kites</li> <li>• Lesson Quadrilateral Coordinates</li> <li>• Quadrilateral Proofs</li> </ul>	Lesson 6.6 - <a href="#">Khan Academy</a> Lesson Quad. Coordinates/Proofs <a href="#">Khan Academy</a>
	5 11/14 – 11/18	<ul style="list-style-type: none"> <li>• <b>Chapter 6 Quadrilaterals</b></li> <li>• Ch. 6 Review Activities</li> <li>• Assessment</li> <li>• <b>Chapter 7 Proportions and Similarity</b></li> <li>• Lesson 7.1 - Ratios &amp; Proportions</li> <li>• Lesson 7.2 - Similar Polygons</li> <li>• Lesson 7.3 - Similar Triangles</li> </ul>	Lesson 7.2 - <a href="#">Khan Academy</a> Lesson 7.3 - <a href="#">Khan Academy</a>
	6 11/21 – 11/22	<ul style="list-style-type: none"> <li>• <b>Chapter 7 Proportions and Similarity</b></li> <li>• Lesson 7.4 - Parallel Lines &amp; Proportional Parts</li> <li>• Lesson 7.5 - Parts of Similar Triangles</li> </ul>	Lesson 7.4- Parallel <a href="#">Khan Academy</a> Lesson 7.5- <a href="#">Khan Academy</a>
	7 11/28 – 12/2	<ul style="list-style-type: none"> <li>• <b>Chapter 7 Proportions and Similarity</b></li> <li>• Lesson 7.7 - Scale Drawings &amp; Models</li> <li>• Ch. 7 Review Activities</li> <li>• Assessment</li> <li>• Lesson 7.4 - Constructions (trisect an angle)</li> </ul>	Lesson 7.7- <a href="#">Khan Academy</a>  Lesson 7.4- Constructions <a href="#">Khan Academy</a>
	8 12/5 – 12/9	<ul style="list-style-type: none"> <li>• <b>Chapter 7 Proportions and Similarity</b></li> <li>• Partitioning a Directed Segment</li> </ul>	Lesson Directed Segment* <a href="#">Khan Academy</a>

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# Geometry Honors

2016 – 2017

		<ul style="list-style-type: none"> <li>Lesson 8.1 - Geometric Mean</li> <li>Lesson 8.2 - Pythagorean Theorem &amp; Converse</li> </ul>	Lesson 8.2 - <a href="#">Khan Academy</a>
	9 12/12 – 12/16	<ul style="list-style-type: none"> <li>Semester Exam Review</li> <li>District Exams</li> </ul>	
	10 12/19 – 12/21	<ul style="list-style-type: none"> <li>District Exams</li> </ul>	

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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"> <li>• <b>Chapter 8 Right Triangles and Trigonometry</b></li> <li>• Lesson 8.3 – Radicals Review</li> <li>• Lesson 8.3 - Special Right Triangles</li> </ul>	Lesson 8.3 - <a href="#">Khan Academy</a>
	2 1/9 – 1/13	<ul style="list-style-type: none"> <li>• <b>Chapter 8 Right Triangles and Trigonometry</b></li> <li>• Lesson 8.4 - Trigonometry</li> <li>• Lesson 8.5 - Angles of Elevation and Depression</li> <li>• Ch. 8 Review Activities</li> <li>• Assessment</li> </ul>	Lesson 8.4 - <a href="#">Khan Academy</a> Lesson 8.5 - <a href="#">Khan Academy</a>
	3 1/17 – 1/20	<ul style="list-style-type: none"> <li>• <b>Chapter 9 Transformations and Symmetry</b></li> <li>• Lesson 9.1 - Reflections</li> <li>• Lesson 9.2 - Translations</li> <li>• Lesson 9.3 – Rotations</li> <li>• Lesson 9.5 - Symmetry</li> </ul>	Lesson 9.1 - <a href="#">Khan Academy</a> Lesson 9.2 - <a href="#">Khan Academy</a> Lesson 9.3 - <a href="#">Khan Academy</a> Lesson 9.5 - <a href="#">Khan Academy</a>
	4 1/23 – 1/27	<ul style="list-style-type: none"> <li>• <b>Chapter 9 Transformations and Symmetry</b></li> <li>• Lesson 9.4 - Compositions of Transformations</li> <li>• <b>Chapter 7 Proportions and Similarity</b></li> <li>• Lesson 7.6- Similarity Transformations</li> <li>• <b>Chapter 9 Transformations and Symmetry</b></li> <li>• Lesson 9.6 - Dilations</li> </ul>	Lesson 9.4 - <a href="#">Kahn Academy</a>  Lesson 7.6 - <a href="#">Khan Academy</a>  Lesson 9.6 - <a href="#">Khan Academy</a>
	5 1/30 – 2/3	<ul style="list-style-type: none"> <li>• Ch.9 Review Activities</li> <li>• Assessment</li> <li>• <b>Chapter 10 Circles</b></li> <li>• Lesson 10.1 - Circles and Circumference</li> <li>• Lesson 10.2 - Measuring Angles and Arcs (including radian measure)</li> <li>• Lesson 10.3 - Arcs &amp; Chords</li> </ul>	Lesson 10.1 - <a href="#">Khan Academy</a> Lesson 10.2 - <a href="#">Khan Academy</a> Lesson 10.3 - <a href="#">Khan Academy</a>
	6 2/6 – 2/10	<ul style="list-style-type: none"> <li>• <b>Chapter 10 Circles</b></li> <li>• Lesson 10.4 - Inscribed Angles</li> <li>• Lesson 10.5 – Tangents</li> <li>• Constructions</li> <li>• Lesson 10.6 - Secants, Tangents, &amp; Angle Measures</li> </ul>	Lesson 10.4 - <a href="#">Khan Academy</a> Lesson 10.5 - <a href="#">Khan Academy</a>  Lesson 10.6 - <a href="#">Khan Academy</a>
	7 2/13 – 2/16	<ul style="list-style-type: none"> <li>• <b>Chapter 10 Circles</b></li> <li>• Lesson 10.7 - Special Segments in a Circle</li> <li>• Lesson 10.8 - Equations of Circles</li> <li>• Completing the Square with Equations of Circles</li> </ul>	Lesson 10.7 - <a href="#">Khan Academy</a> Lesson 10.8 - <a href="#">Khan Academy</a>

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8 2/21 – 2/24	<ul style="list-style-type: none"> <li>• <b>Chapter 10 Circles</b></li> <li>• Ch. 10 Review Activities</li> <li>• Assessment</li> <li>• <b>Chapter 11 Areas of Polygons and Circles</b></li> <li>• Lesson 11.1 - Area of Parallelograms &amp; Triangles</li> </ul>	Lesson 11.1 - <a href="#">Khan Academy</a>
9 2/27 – 3/3	<ul style="list-style-type: none"> <li>• Lesson 11.2 - Area of Trapezoids, Rhombi, Kites</li> <li>• Lesson 11.3 - Areas of Circles &amp; Sectors (including radian measure)</li> <li>• Lesson 11.4 - Areas of Composite Figures</li> <li>• Lesson 11.4- Areas of Regular Polygons</li> <li>• Lesson 11.5 - Areas of Similar Figures</li> </ul>	Lesson 11.2 - <a href="#">Khan Academy</a> Lesson 11.3 - <a href="#">Khan Academy</a> Lesson 11.4 - <a href="#">Khan Academy</a>  Lesson 11.5 – <a href="#">Khan Academy</a>
10 3/6 – 3/10	<ul style="list-style-type: none"> <li>• Extend 11.2 Lab - Density</li> <li>• Ch.11 Review Activities</li> <li>• Assessment</li> <li>• Lesson 1.7 – 3D figures</li> </ul>	Extend 11.2 Lab <a href="#">Khan Academy</a>

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Quarter 4 Mar 21 – May 24	1 3/21 – 3/24	<ul style="list-style-type: none"> <li>• <b>Chapter 12 Extending Surface Area and Volume</b></li> <li>• Lesson 12.1 - Representations of Three-dimensional Figures</li> <li>• <b>Chapter 9 Transformations and Symmetry</b></li> <li>• Extend 9.3 Lab - Solids of Revolution</li> <li>• <b>Chapter 12 Extending Surface Area and Volume</b></li> <li>• Lesson 12.2 - Surface Area of Prisms &amp; Cylinders</li> <li>• Lesson 12.4 - Volume of Prisms &amp; Cylinders</li> <li>• Lesson 12.3 - Surface Area of Pyramids &amp; Cones</li> </ul>	Lesson 12.1 - <a href="#">Khan Academy</a>  Extend 9.3 Lab – <a href="#">Khan Academy</a>  Lesson 12.2 - <a href="#">Khan Academy</a> Lesson 12.4 - <a href="#">Khan Academy</a> Lesson 12.3 - <a href="#">Khan Academy</a>
	2 3/27 – 3/31	<ul style="list-style-type: none"> <li>• <b>Chapter 12 Extending Surface Area and Volume</b></li> <li>• Lesson 12.5 - Volume of Pyramids &amp; Cones</li> <li>• Lesson 12.6 - Surface Area &amp; Volume of Spheres</li> <li>• Lesson 12.8 - Congruent and Similar Solids</li> <li>• Ch. 12 Review Activities</li> </ul>	Lesson 12.5 - <a href="#">Khan Academy</a> Lesson 12.6 - <a href="#">Khan Academy</a>
	3 4/3 – 4/7	<ul style="list-style-type: none"> <li>• <b>Chapter 12 Extending Surface Area and Volume</b></li> <li>• Assessment</li> <li>• Geometry Standards Review</li> </ul>	
	4 4/10 – 4/13	<ul style="list-style-type: none"> <li>• Geometry Standards Review</li> </ul>	
	5 4/17 – 4/21	<ul style="list-style-type: none"> <li>• Geometry Standards Review</li> </ul>	
	6 4/24 – 4/28	<ul style="list-style-type: none"> <li>• <b>Chapter 8 Right Triangles and Trigonometry</b></li> <li>• Lesson 8.6 - Law of Sines and Cosines</li> <li>• Conic Sections - Parabola</li> <li>• Conic Sections – Ellipse</li> </ul>	Lesson 8.6 - <a href="#">Khan Academy</a> Parabola <a href="#">Khan Academy</a> Ellipse <a href="#">Khan Academy</a>
	7 5/1 – 5/5	<ul style="list-style-type: none"> <li>• Conic Sections – Hyperbola</li> </ul>	Hyperbola <a href="#">Khan Academy</a>
	8 5/8 – 5/12	<ul style="list-style-type: none"> <li>• Review Activities</li> </ul>	
	9 5/15 – 5/19	<ul style="list-style-type: none"> <li>• Exam Week</li> </ul>	
	10 5/22 – 5/24	<ul style="list-style-type: none"> <li>• Exam Week</li> </ul>	

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