

**Please Note:**

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**Publisher Resource:**

[Textbook Online Resources](#) (use Student Active Directory)

**Other Course Supplemental Resources:**

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

[Geometry](#) - Khan Academy

[IXL Math – High School Standards](#)

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

[Geometry FSA EOC Mathematics Computer-Based PRACTICE TEST](#)  
[Geometry FSA EOC Computer-Based Practice Test Answer Key](#)

[Mathematics Practice Tests – PARCC \(Partnership for Assessment of Readiness for College and Careers\)](#)  
[Mathematics Answer Keys – PARCC](#)

[Additional Practice of Course Standards](#)

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# Geometry Honors

2017 – 2018

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 13	1 8/10 - 8/11	<ul style="list-style-type: none"> <li>• <b>Chapter 1 Tools of Geometry</b></li> <li>• Algebra Review (Simplify Radicals, Equations of Lines)</li> </ul>	
	2 8/14 – 8/18	<ul style="list-style-type: none"> <li>• <b>Chapter 1 Tools of Geometry</b></li> <li>• Lesson 1.1 - Points, Lines, Planes</li> <li>• Lesson 1.2 - Linear Measure</li> <li>• Lesson 1.3 - Distance &amp; Midpoint</li> <li>• Lesson 1.4 - Angle Measures</li> <li>• Constructions (4 Basic)</li> </ul>	Lesson 1.1 - <a href="#">Khan Academy</a> 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> Constructions- <a href="#">Khan Academy</a> <a href="#">Copy A Segment</a> <a href="#">Copy An Angle</a> <a href="#">Bisect A Line</a> <a href="#">Bisect An Angle</a>
	3 8/21 – 8/25	<ul style="list-style-type: none"> <li>• Lesson 1.5 - Angle Relationships</li> <li>• Lesson 1.6 - 2D Figures, Polygons</li> <li>• Lesson 1.6 - Applications (basic area)</li> <li>• Lesson 1.3 - Applications (perimeter)</li> <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> </ul>	Lesson 1.5 - <a href="#">Khan Academy</a> Lesson 1.6 - <a href="#">You Tube</a> Lesson 1.6 Applications - <a href="#">You Tube</a> Lesson 1.3/1.6 Applications <a href="#">You Tube</a> Lesson 2.6 - <a href="#">You Tube</a> Lesson 2.5 - <a href="#">Khan Academy</a>
	4 8/28 – 9/1	<ul style="list-style-type: none"> <li>• Lesson 2.7 - Proving Segment Relationships</li> <li>• Lesson 2.8 - Proving Angle Relationships</li> </ul>	Lesson 2.7 - <a href="#">Khan Academy</a> Lesson 2.8 - <a href="#">Khan Academy</a>
	5 9/5 – 9/8	<ul style="list-style-type: none"> <li>• Ch. 1/2 Review Activities</li> <li>• Assessment</li> <li>• <b>Chapter 3 Parallel and Perpendicular Lines</b></li> <li>• Lesson 3.1 - Parallel Lines &amp; Transversals</li> </ul>	Lesson 3.1 - <a href="#">Khan Academy</a>
	6 9/11 – 9/15	<ul style="list-style-type: none"> <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> <li>• Lesson 3.5 - Proving Lines Parallel</li> </ul>	Lesson 3.2 - <a href="#">Khan Academy</a> Lesson 3.3 – <a href="#">Khan Academy</a> Lesson 3.4 – <a href="#">Khan Academy</a> Parallel vs. Perpendicular <a href="#">Khan Academy</a> Lesson 3.5 - <a href="#">Khan Academy</a>
	7 9/18 – 9/22	<ul style="list-style-type: none"> <li>• Lesson 3.5 - Proving Lines Parallel (Proofs)</li> <li>• Lesson 3.6 - Perpendiculars &amp; Distance</li> <li>• Constructions</li> </ul>	Lesson 3.6 - <a href="#">Khan Academy</a> Constructions - <a href="#">Khan Academy</a> <a href="#">Parallel Lines</a> <a href="#">Perpendicular Lines</a>
	8 9/25 – 9/29	<ul style="list-style-type: none"> <li>• Ch. 3 Review Activities</li> <li>• Assessment</li> </ul>	

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2017 – 2018

	<ul style="list-style-type: none"> <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/Lesson 4.7- Congruence Transformations</li> <li>• Lesson 4.7- Congruence Transformations/Discovery of SSS, SAS, ASA, AAS</li> </ul>	<p>Lesson 4.1 - <a href="#">Khan Academy</a></p> <p>Lesson 4.2 - <a href="#">Khan Academy</a></p> <p>Lesson 4.3 - <a href="#">Khan Academy</a></p> <p>Lesson 4.7 - <a href="#">You Tube</a></p>
9 10/2 – 10/6	<ul style="list-style-type: none"> <li>• Lesson 4.5- Proving Triangles Congruent: ASA, AAS</li> <li>• Lesson 4.4, 4.5 - proofs</li> <li>• HL theorem and CPCTC</li> <li>• Lesson 4.6 - Isosceles &amp; Equilateral Triangles</li> </ul>	<p>Lesson 4.5 - <a href="#">Khan Academy</a></p> <p>Lesson 4.4 Triangle Congruence- <a href="#">Khan Academy</a></p> <p>Lesson 4.6 - <a href="#">You Tube</a></p>
10 10/9 – 10/13	<ul style="list-style-type: none"> <li>• Lesson 4.8 - Triangles &amp; Coordinate Proof</li> <li>• Review Activities</li> <li>• Assessment</li> </ul>	<p>Lesson 4.8 - <a href="#">You Tube</a></p> <p>Lesson 4.8 - <a href="#">You Tube</a></p>

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# Geometry Honors

2017 – 2018

	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 17 – Dec 21	1 10/17 – 10/20	<ul style="list-style-type: none"> <li>• <b>Chapter 5 Relationships in Triangles</b></li> <li>• Constructions (Incenter, Circumcenter, Centroid)</li> <li>• Constructions (Circumscribed and Inscribed Circles)</li> </ul>	<a href="#">Incenter</a> <a href="#">Circumcenter</a> <a href="#">Centroid</a> <a href="#">Circumscribe A Circle</a> <a href="#">Inscribe A Circle</a>
	2 10/23 – 10/27	<ul style="list-style-type: none"> <li>• Lesson 5.1 - Bisectors of Triangles</li> <li>• Lesson 5.2 - Medians &amp; Altitudes</li> <li>• Lesson 5.3 - Inequalities in 1 Triangle</li> <li>• Lesson 5.5 - The Triangle Inequality</li> <li>• Lesson 5.6 - Inequalities in 2 Triangles</li> </ul>	Lesson 5.1 - <a href="#">Khan Academy</a> Lesson 5.2 - <a href="#">Khan Academy</a> Lesson 5.3 - <a href="#">You Tube</a> Lesson 5.5 - <a href="#">Khan Academy</a> Lesson 5.6 - <a href="#">You Tube</a>
	3 10/30 – 11/3	<ul style="list-style-type: none"> <li>• Ch. 5 Review Activities</li> <li>• Assessment</li> <li>• <b>Chapter 6 Quadrilaterals</b></li> <li>• Lesson 6.1 - Angles of Polygons</li> <li>• Lesson 6.2 – Parallelograms</li> </ul>	Lesson 6.1- <a href="#">Khan Academy</a> Lesson 6.2- <a href="#">Khan Academy</a>
	4 11/6 – 11/9	<ul style="list-style-type: none"> <li>• Lesson 6.3 - Tests for Parallelograms</li> <li>• Lesson 6.4 – Rectangles</li> <li>• Lesson 6.5 - Rhombi &amp; Squares</li> <li>• Lesson 6.6- Trapezoids &amp; Kites</li> </ul>	Lesson 6.3 - <a href="#">Khan Academy</a> Lesson 6.4 - <a href="#">Khan Academy</a> Lesson 6.5 - <a href="#">Khan Academy</a> Lesson 6.6 - <a href="#">Khan Academy</a>
	5 11/13 – 11/17	<ul style="list-style-type: none"> <li>• Lesson Quadrilateral Coordinates</li> <li>• Quadrilateral Proofs</li> <li>• Ch. 6 Review Activities</li> <li>• Assessment</li> </ul>	Lesson Quad. Coordinates/Proofs <a href="#">Khan Academy</a>
	6 11/20 – 11/21	<ul style="list-style-type: none"> <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 7.6 - Similarity Transformations</li> </ul>	Lesson 7.1 - <a href="#">You Tube</a> Lesson 7.2 - <a href="#">Khan Academy</a> Lesson 7.6 - <a href="#">You Tube</a>
	7 11/27 – 12/1	<ul style="list-style-type: none"> <li>• Lesson 7.3 - Similar Triangles</li> <li>• Lesson 7.4 - Parallel Lines &amp; Proportional Parts</li> <li>• Lesson 7.5 - Parts of Similar Triangles</li> <li>• Lesson 7.7 - Scale Drawings &amp; Models</li> </ul>	Lesson 7.3 - <a href="#">Khan Academy</a> Lesson 7.4 - Parallel <a href="#">Khan Academy</a> Lesson 7.5- <a href="#">Khan Academy</a> Lesson 7.7- <a href="#">Khan Academy</a>
	8 12/4 – 12/8	<ul style="list-style-type: none"> <li>• Partitioning a Directed Segment</li> <li>• Ch. 7 Review Activities</li> <li>• Assessment</li> </ul>	<a href="#">Partitioning a Segment</a> <a href="#">Partitioning Segment II</a>  <a href="#">Partitioning Segment Construction</a>

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2017 – 2018

			<a href="#">Partitioning A Segment Using Slope</a>
	9 12/11 – 12/15	<ul style="list-style-type: none"> <li>• Semester Exam Review</li> <li>• District Exams</li> </ul>	
	10 12/18 – 12/21	<ul style="list-style-type: none"> <li>• District Exams</li> <li>•</li> </ul>	

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# Geometry Honors

2017 – 2018

Quarter 3 Jan 8 – Mar 15	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 8 – Mar 15	Week 1 1/8 – 1/12	<ul style="list-style-type: none"> <li>• <b>Chapter 8 Right Triangles and Trigonometry</b></li> <li>• Lesson 8.1 - Geometric Mean</li> <li>• Lesson 8.2 - Pythagorean Theorem &amp; Converse</li> <li>• Lesson 8.3 – Radicals Review</li> <li>• Lesson 8.3 - Special Right Triangles</li> <li>• Lesson 8.4 - Trigonometry</li> </ul>	<a href="#">Geometric Mean Easy</a> <a href="#">Geometric Mean Hard</a> <a href="#">Geometric Mean Triangles</a>  Lesson 8.2 - <a href="#">Khan Academy</a> Lesson 8.3 - <a href="#">Khan Academy</a> Lesson 8.4 - <a href="#">Khan Academy</a>
	Week 2 1/16 – 1/19	<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>• </li> </ul>	Lesson 8.5 - <a href="#">Khan Academy</a>
	Week 3 1/22 – 1/26	<ul style="list-style-type: none"> <li>• <b>Chapter 8 Right Triangles and Trigonometry</b></li> <li>• Assessment</li> <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>
	Week 4 1/30 – 2/2	<ul style="list-style-type: none"> <li>• Lesson 9.4 - Compositions of Transformations</li> <li>• Lesson 9.6 – Dilations</li> <li>• Activity</li> </ul>	Lesson 9.4 - <a href="#">Kahn Academy</a> Lesson 9.6 - <a href="#">Khan Academy</a>
	Week 5 2/5 – 2/9	<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>
	Week 6 2/12 – 2/16	<ul style="list-style-type: none"> <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> <li>• Lesson 10.7 - Special Segments in a Circle</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> Lesson 10.7 - <a href="#">Khan Academy</a>

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2017 – 2018

7 2/20 – 2/23	<ul style="list-style-type: none"> <li>• Lesson 10.8 - Equations of Circles</li> <li>• Completing the Square with Equations of Circles</li> <li>• Constructions/Activities</li> </ul>	Lesson 10.8 - <a href="#">Khan Academy</a>
8 2/26 – 3/2	<ul style="list-style-type: none"> <li>• Ch. 10 Review</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> <li>• Lesson 11.2 - Area of Trapezoids, Rhombi, Kites</li> </ul>	Lesson 11.1 - <a href="#">Khan Academy</a> Lesson 11.2 - <a href="#">Khan Academy</a>
9 3/5 – 3/9	<ul style="list-style-type: none"> <li>• Extend 11.2 Lab - Density</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>	Extend 11.2 Lab <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 3/12 – 3/15	<ul style="list-style-type: none"> <li>• Ch.11 Review Activities</li> <li>• Assessment</li> <li>• Lesson 1.7 – 3D figures</li> <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> </ul>	Lesson 12.1 - <a href="#">Khan Academy</a>  Extend 9.3 Lab – <a href="#">Khan Academy</a>

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2017 – 2018

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Quarter 4 Mar 19 – May 24	1 3/19 – 3/23	<ul style="list-style-type: none"> <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> <li>• Lesson 12.5 - Volume of Pyramids &amp; Cones</li> </ul>	Lesson 12.2 - <a href="#">Khan Academy</a> Lesson 12.4 - <a href="#">Khan Academy</a> Lesson 12.3 - <a href="#">Khan Academy</a> Lesson 12.5 - <a href="#">Khan Academy</a>
	2 3/26 – 3/30	<ul style="list-style-type: none"> <li>• <b>SPRING BREAK – NO SCHOOL</b></li> </ul>	
	3 4/2 – 4/6	<ul style="list-style-type: none"> <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> <li>• Assessment</li> <li>• Geometry Standards Review</li> </ul>	Lesson 12.6 - <a href="#">Khan Academy</a> Lesson 12.8 - <a href="#">Khan Academy</a>
	4 4/9 – 4/13	<ul style="list-style-type: none"> <li>• Geometry Standards Review</li> </ul>	
	5 4/16 – 4/20	<ul style="list-style-type: none"> <li>• Geometry Standards Review</li> </ul>	
	6 4/23 – 4/27	<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 4/30 – 5/4	<ul style="list-style-type: none"> <li>• Conic Sections – Hyperbola</li> </ul>	Hyperbola <a href="#">Khan Academy</a>
	8 5/7 – 5/11	<ul style="list-style-type: none"> <li>• Review Activities</li> </ul>	
	9 5/14 – 5/18	<ul style="list-style-type: none"> <li>• Exam Week</li> </ul>	
	10 5/21 – 5/24	<ul style="list-style-type: none"> <li>• Exam Week</li> </ul>	

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