

**Please Note:**

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**Other Course Supplemental Resources – by standard and topic:**

[IXL Math – High School Standards](#)

[Study Island](#)

Login: 55s(student #)

Password: first initial first name + first initial last name + mmddyyyy of birth

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

[FSA Portal](#)

[PARCC](#)

[Smarter Balanced Portal](#)

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# Geometry Honors

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 16	1	<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 1.4 - Angle Measures</li> </ul>	Lesson 1.1 - <a href="#">Khan Academy</a> Lesson 1.2 - <a href="#">Khan Academy</a> Lesson 1.4 - <a href="#">Khan Academy</a>
	2	<ul style="list-style-type: none"> <li>• <b>Chapter 1 Tools of Geometry</b></li> <li>• Lesson 1.5 - Angle Relationships</li> <li>• Lesson 1.3 - Distance &amp; Midpoint</li> <li>• Lesson 1.3 - Applications (perimeter)</li> <li>• Lesson 1.6 - 2D Figures, Polygons</li> <li>• Lesson 1.6 - Applications (basic area)</li> </ul>	Lesson 1.5 - <a href="#">Khan Academy</a> Lesson 1.3 - <a href="#">Khan Academy</a> Lesson 1.3 - <a href="#">Khan Academy</a> Lesson 1.6 - 2D Figures, Polygons <a href="#">Khan Academy</a> Lesson 1.6 - Applications (basic area) <a href="#">Khan Academy</a>
	3	<ul style="list-style-type: none"> <li>• <b>Constructions</b></li> <li>• Ch. 1 Review Activities</li> <li>• Assessment</li> </ul>	Constructions- <a href="#">Khan Academy</a>
	4	<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> <li>• Lesson 2.8 - Proving Angle Relationships</li> </ul>	Lesson 2.5 - <a href="#">Khan Academy</a> Lesson 2.7 - <a href="#">Khan Academy</a> Lesson 2.8 - <a href="#">Khan Academy</a>
	5	<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	<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>
	7	<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> <li>• Assessment</li> </ul>	Lesson 3-5 - <a href="#">Khan Academy</a> Lesson 3-6 - <a href="#">Khan Academy</a>
	8	<ul style="list-style-type: none"> <li>• <b>Chapter 4 Congruent Triangles</b></li> <li>• Lesson 4.1 - Classifying Triangles</li> </ul>	Lesson 4-1 - <a href="#">Khan Academy</a> Lesson 4-2 - <a href="#">Khan Academy</a>

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2015 – 2016

		<ul style="list-style-type: none"> <li>• Lesson 4.2 - Angles of Triangles</li> <li>• Lesson 4.3- Congruent Triangles</li> <li>• Lesson 4.4- Proving Triangles Congruent: SSS, SAS</li> <li>• Lesson 4.5- Proving Triangles Congruent: ASA, AAS</li> </ul>	<p>Lesson 4-3 - <a href="#">Khan Academy</a>                  Lesson 4-4 - <a href="#">Khan Academy</a>                  Lesson 4-5 - <a href="#">Khan Academy</a></p>
	9	<ul style="list-style-type: none"> <li>• <b>Chapter 4 Congruent Triangles</b></li> <li>• Lesson 4.4, 4.5 - proofs</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>	<p>Lesson 4-6 - <a href="#">Khan Academy</a>                  Lesson 4-8 - <a href="#">Khan Academy</a></p>
	10	<ul style="list-style-type: none"> <li>• Review Activities</li> <li>• Assessment</li> </ul>	

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# Geometry Honors

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 19 – Dec 18	1	<ul style="list-style-type: none"> <li>• <b>Chapter 5 Relationships in Triangles</b></li> <li>• Lesson 5.1 - Bisectors of Triangles</li> <li>• Lesson 5.2 - Medians &amp; Altitudes</li> <li>• Constructions</li> </ul>	Lesson 5-1 - <a href="#">Khan Academy</a> Lesson 5-2 - <a href="#">Khan Academy</a>
	2	<ul style="list-style-type: none"> <li>• <b>Chapter 5 Relationships in Triangles</b></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> <li>• Ch. 5 Review Activities / Assessment</li> </ul>	Lesson 5-5 - <a href="#">Khan Academy</a>
	3	<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> </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>
	4	<ul style="list-style-type: none"> <li>• <b>Chapter 6 Quadrilaterals</b></li> <li>• Lesson 6.5 - Rhombi &amp; Squares</li> <li>• Lesson 6.6- Trapezoids &amp; Kites</li> <li>• Lesson Quadrilateral Coordinates/Proofs</li> </ul>	Lesson 6.5 - <a href="#">Khan Academy</a> Lesson 6.6 - <a href="#">Khan Academy</a> Lesson Quad. Coordinates/Proofs <a href="#">Khan Academy</a>
	5	<ul style="list-style-type: none"> <li>• Ch. 6 Review Activities / 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	<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 7.4 - Constructions (trisect an angle)</li> <li>• Partitioning a Directed Segment</li> </ul>	Lesson 7.4- Parallel Lines & Prop Parts <a href="#">Khan Academy</a> Lesson 7.4- Construct (trisect) <a href="#">Khan Academy</a> Lesson Directed Segment* <a href="#">Khan Academy</a>
	7	<ul style="list-style-type: none"> <li>• <b>Chapter 7 Proportions and Similarity</b></li> <li>• Lesson 7.5 - Parts of Similar Triangles</li> <li>• Lesson 7.7 - Scale Drawings &amp; Models</li> <li>• Ch. 7 Review Activities</li> <li>• Assessment</li> </ul>	Lesson 7.5- <a href="#">Khan Academy</a> Lesson 7.7- <a href="#">Khan Academy</a>
	8	<ul style="list-style-type: none"> <li>• Semester Review Activities</li> </ul>	

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	9	<ul style="list-style-type: none"><li>• Exam Week</li></ul>
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# Geometry Honors

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 5 – Mar 18	1	<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> </ul>	Lesson 8-2 - <a href="#">Khan Academy</a>
	2	<ul style="list-style-type: none"> <li>• <b>Chapter 8 Right Triangles and Trigonometry</b></li> <li>• Lesson 8.3 - Special Right Triangles</li> <li>• Lesson 8.4 - Trigonometry</li> <li>• Lesson 8.5 - Angles of Elevation and Depression</li> </ul>	Lesson 8-3 - <a href="#">Khan Academy</a> Lesson 8-4 - <a href="#">Khan Academy</a> Lesson 8-5 - <a href="#">Khan Academy</a>
	3	<ul style="list-style-type: none"> <li>• Ch. 8 Review Activities / Assessment</li> </ul>	
	4	<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 9.4 - Compositions of Transformations</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 9.4 - <a href="#">Kahn Academy</a>
	5	<ul style="list-style-type: none"> <li>• <b>Chapter 9 Transformations and Symmetry</b></li> <li>• Lesson 9.4 - Compositions of Transformations</li> <li>• Lesson 9.5 - Symmetry</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 9.5 - <a href="#">Khan Academy</a>  Lesson 7.6 - <a href="#">Khan Academy</a>  Lesson 9.6 - <a href="#">Khan Academy</a>
	6	<ul style="list-style-type: none"> <li>• Ch.9 Review Activities / 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>
	7	<ul style="list-style-type: none"> <li>• <b>Chapter 11 Areas of Polygons and Circles</b></li> <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> </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>
	8	<ul style="list-style-type: none"> <li>• <b>Chapter 11 Areas of Polygons and Circles</b></li> <li>• Lesson 11.4- Areas of Regular Polygons</li> <li>• Extend 11.2 Lab - Density</li> <li>• Ch.11 Review Activities / Assessment</li> </ul>	Extend 11.2 Lab <a href="#">Khan Academy</a>
	9	<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> </ul>	Lesson 12.1 - <a href="#">Khan Academy</a>

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2015 – 2016

		<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>	<p>Lesson 12.2 - <a href="#">Khan Academy</a></p> <p>Lesson 12.3 - <a href="#">Khan Academy</a></p> <p>Lesson 12.4 - <a href="#">Khan Academy</a></p> <p>Lesson 12.5 - <a href="#">Khan Academy</a></p>
	10	<ul style="list-style-type: none"> <li>• <b>Chapter 12 Extending Surface Area and Volume</b></li> <li>• Lesson 12.6 - Surface Area &amp; Volume of Spheres</li> <li>• Lesson 11.5 - Areas of Similar Figures</li> <li>• Lesson 12.8 - Congruent and Similar Solids</li> <li>• Ch. 12 Review Activities / Assessment</li> </ul>	<p>Lesson 12.6 - <a href="#">Khan Academy</a></p>
	11	<ul style="list-style-type: none"> <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>• (DFA Review Activities / Assessment)</li> </ul>	<p>Lesson 10.1 - <a href="#">Khan Academy</a></p> <p>Lesson 10.2 - <a href="#">Khan Academy</a></p>

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Quarter 4 Mar 29 – May 26	1	<ul style="list-style-type: none"> <li>• <b>Chapter 10 Circles</b></li> <li>• Lesson 10.3 - Arcs &amp; Chords</li> <li>• Lesson 10.4 - Inscribed Angles</li> <li>• Lesson 10.5 - Tangents</li> </ul>	Lesson 10.3 - <a href="#">Khan Academy</a> Lesson 10.4 - <a href="#">Khan Academy</a> Lesson 10.5 - <a href="#">Khan Academy</a> <a href="#">Khan Academy</a>
	2	<ul style="list-style-type: none"> <li>• <b>Chapter 10 Circles</b></li> <li>• Lesson 10.6 - Secants, Tangents, &amp; Angle Measures</li> <li>• Lesson 10.7 - Special Segments in a Circle</li> <li>• Lesson 10.8 - Equations of Circles</li> </ul>	Lesson 10.6 - <a href="#">Khan Academy</a> Lesson 10.7 - <a href="#">Khan Academy</a> Lesson 10.8 - <a href="#">Khan Academy</a>
	3	<ul style="list-style-type: none"> <li>• Ch. 10 Review Activities / Assessment</li> <li>• Geometry Standards Review</li> </ul>	Geometry Standards – <a href="#">Florida Student</a>
	4	<ul style="list-style-type: none"> <li>• Geometry Standards Review</li> </ul>	
	5	<ul style="list-style-type: none"> <li>• Geometry Standards Review</li> </ul>	
	6	<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> </ul>	Lesson 8-6 - <a href="#">Khan Academy</a> Conics Sections - Parabola <a href="#">Khan Academy</a>
	7	<ul style="list-style-type: none"> <li>• Conic Sections – Parabola</li> <li>• Conic Sections – Ellipse</li> <li>• Conic Sections - Hyperbola</li> </ul>	Conics Sections - Parabola <a href="#">Khan Academy</a> Conics- Ellipse <a href="#">Khan Academy</a> Conics- Hyperbola <a href="#">Khan Academy</a>
	8	<ul style="list-style-type: none"> <li>• Conic Sections – Hyperbola</li> <li>• Review Activities</li> </ul>	Conics- Hyperbola <a href="#">Khan Academy</a>
	9	<ul style="list-style-type: none"> <li>• Exam Week</li> </ul>	

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