

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.

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](#)

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 is 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.

Geometry Honors

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 16	1	<ul style="list-style-type: none"> • Chapter 1 Tools of Geometry • Lesson 1.1 - Points, Lines, Planes • Lesson 1.2 - Linear Measure • Lesson 1.4 - Angle Measures 	Lesson 1.1 - Khan Academy Lesson 1.2 - Khan Academy Lesson 1.4 - Khan Academy
	2	<ul style="list-style-type: none"> • Chapter 1 Tools of Geometry • Lesson 1.5 - Angle Relationships • Lesson 1.3 - Distance & Midpoint • Lesson 1.3 - Applications (perimeter) • Lesson 1.6 - 2D Figures, Polygons • Lesson 1.6 - Applications (basic area) 	Lesson 1.5 - Khan Academy Lesson 1.3 - Khan Academy Lesson 1.3 - Khan Academy Lesson 1.6 - 2D Figures, Polygons Khan Academy Lesson 1.6 - Applications (basic area) Khan Academy
	3	<ul style="list-style-type: none"> • Constructions • Ch. 1 Review Activities • Assessment 	Constructions- Khan Academy
	4	<ul style="list-style-type: none"> • Chapter 2 Reasoning and Proof • Lesson 2.6 - Algebraic Proofs • Lesson 2.5 - Post & paragraph proofs • Lesson 2.7 - Proving Segment Relationships • Lesson 2.8 - Proving Angle Relationships 	Lesson 2.5 - Khan Academy Lesson 2.7 - Khan Academy Lesson 2.8 - Khan Academy
	5	<ul style="list-style-type: none"> • Chapter 2 Reasoning and Proof • Lesson 2.8 - Proving Angle Relationships • Ch. 2 Review Activities • Assessment 	Lesson 2.8 - Khan Academy
	6	<ul style="list-style-type: none"> • Chapter 3 Parallel and Perpendicular Lines • Lesson 3.1 - Parallel Lines & Transversals • Lesson 3.2 - Angles & Parallel Lines • Lesson 3.3 - Slopes of Lines • Lesson 3.4 - Equations of Lines 	Lesson 3-1 - Khan Academy Lesson 3-2 - Khan Academy
	7	<ul style="list-style-type: none"> • Chapter 3 Parallel and Perpendicular Lines • Lesson 3.5 - Proving Lines Parallel • Lesson 3.6 - Perpendiculars & Distance • Constructions • Ch. 3 Review Activities • Assessment 	Lesson 3-5 - Khan Academy Lesson 3-6 - Khan Academy
	8	<ul style="list-style-type: none"> • Chapter 4 Congruent Triangles • Lesson 4.1 - Classifying Triangles 	Lesson 4-1 - Khan Academy Lesson 4-2 - Khan Academy

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 is 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.

Geometry Honors

2015 – 2016

		<ul style="list-style-type: none"> • Lesson 4.2 - Angles of Triangles • Lesson 4.3- Congruent Triangles • Lesson 4.4- Proving Triangles Congruent: SSS, SAS • Lesson 4.5- Proving Triangles Congruent: ASA, AAS 	<p>Lesson 4-3 - Khan Academy</p> <p>Lesson 4-4 - Khan Academy</p> <p>Lesson 4-5 - Khan Academy</p>
	9	<ul style="list-style-type: none"> • Chapter 4 Congruent Triangles • Lesson 4.4, 4.5 - proofs • HL theorem and CPCTC • Lesson 4.6 - Isosceles & Equilateral Triangles • Lesson 4.8 - Triangles & Coordinate Proof • Lesson 4.8 - Applications w/variable expressions* 	<p>Lesson 4-6 - Khan Academy</p> <p>Lesson 4-8 - Khan Academy</p>
	10	<ul style="list-style-type: none"> • Review Activities • Assessment 	

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 is 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.

Geometry Honors

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 19 – Dec 18	1	<ul style="list-style-type: none"> • Chapter 5 Relationships in Triangles • Lesson 5.1 - Bisectors of Triangles • Lesson 5.2 - Medians & Altitudes • Constructions 	Lesson 5-1 - Khan Academy Lesson 5-2 - Khan Academy
	2	<ul style="list-style-type: none"> • Chapter 5 Relationships in Triangles • Lesson 5.3 - Inequalities in 1 Triangle • Lesson 5.5 - The Triangle Inequality • Lesson 5.6 - Inequalities in 2 Triangles • Ch. 5 Review Activities / Assessment 	Lesson 5-5 - Khan Academy
	3	<ul style="list-style-type: none"> • Chapter 6 Quadrilaterals • Lesson 6.1 - Angles of Polygons • Lesson 6.2 - Parallelograms • Lesson 6.3 - Tests for Parallelograms • Lesson 6.4 - Rectangles 	Lesson 6.1- Khan Academy Lesson 6.2- Khan Academy Lesson 6.3- Khan Academy Lesson 6.4 - Khan Academy
	4	<ul style="list-style-type: none"> • Chapter 6 Quadrilaterals • Lesson 6.5 - Rhombi & Squares • Lesson 6.6- Trapezoids & Kites • Lesson Quadrilateral Coordinates/Proofs 	Lesson 6.5 - Khan Academy Lesson 6.6 - Khan Academy Lesson Quad. Coordinates/Proofs Khan Academy
	5	<ul style="list-style-type: none"> • Ch. 6 Review Activities / Assessment • Chapter 7 Proportions and Similarity • Lesson 7.1 - Ratios & Proportions • Lesson 7.2 - Similar Polygons • Lesson 7.3 - Similar Triangles 	Lesson 7.2 - Khan Academy Lesson 7.3 - Khan Academy
	6	<ul style="list-style-type: none"> • Chapter 7 Proportions and Similarity • Lesson 7.4 - Parallel Lines & Proportional Parts • Lesson 7.4 - Constructions (trisect an angle) • Partitioning a Directed Segment 	Lesson 7.4- Parallel Lines & Prop Parts Khan Academy Lesson 7.4- Construct (trisect) Khan Academy Lesson Directed Segment* Khan Academy
	7	<ul style="list-style-type: none"> • Chapter 7 Proportions and Similarity • Lesson 7.5 - Parts of Similar Triangles • Lesson 7.7 - Scale Drawings & Models • Ch. 7 Review Activities • Assessment 	Lesson 7.5- Khan Academy Lesson 7.7- Khan Academy
	8	<ul style="list-style-type: none"> • Semester Review Activities 	

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 is 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.

	9	<ul style="list-style-type: none">• Exam Week
--	---	---

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 is 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.

Geometry Honors

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 5 – Mar 18	1	<ul style="list-style-type: none"> • Chapter 8 Right Triangles and Trigonometry • Lesson 8.1 - Geometric Mean • Lesson 8.2 - Pythagorean Theorem & Converse 	Lesson 8-2 - Khan Academy
	2	<ul style="list-style-type: none"> • Chapter 8 Right Triangles and Trigonometry • Lesson 8.3 - Special Right Triangles • Lesson 8.4 - Trigonometry • Lesson 8.5 - Angles of Elevation and Depression 	Lesson 8-3 - Khan Academy Lesson 8-4 - Khan Academy Lesson 8-5 - Khan Academy
	3	<ul style="list-style-type: none"> • Ch. 8 Review Activities / Assessment 	
	4	<ul style="list-style-type: none"> • Chapter 9 Transformations and Symmetry • Lesson 9.1 - Reflections • Lesson 9.2 - Translations • Lesson 9.3 - Rotations • Lesson 9.4 - Compositions of Transformations 	Lesson 9.1 - Khan Academy Lesson 9.2 - Khan Academy Lesson 9.3 - Khan Academy Lesson 9.4 - Kahn Academy
	5	<ul style="list-style-type: none"> • Chapter 9 Transformations and Symmetry • Lesson 9.4 - Compositions of Transformations • Lesson 9.5 - Symmetry • Chapter 7 Proportions and Similarity • Lesson 7.6- Similarity Transformations • Chapter 9 Transformations and Symmetry • Lesson 9.6 - Dilations 	Lesson 9.4 - Kahn Academy Lesson 9.5 - Khan Academy Lesson 7.6 - Khan Academy Lesson 9.6 - Khan Academy
	6	<ul style="list-style-type: none"> • Ch.9 Review Activities / Assessment • Chapter 11 Areas of Polygons and Circles • Lesson 11.1 - Area of Parallelograms & Triangles 	Lesson 11.1 - Khan Academy
	7	<ul style="list-style-type: none"> • Chapter 11 Areas of Polygons and Circles • Lesson 11.2 - Area of Trapezoids, Rhombi, Kites • Lesson 11.3 - Areas of Circles & Sectors (including radian measure) • Lesson 11.4 - Areas of Composite Figures 	Lesson 11.2 - Khan Academy Lesson 11.3 - Khan Academy Lesson 11.4 - Khan Academy
	8	<ul style="list-style-type: none"> • Chapter 11 Areas of Polygons and Circles • Lesson 11.4- Areas of Regular Polygons • Extend 11.2 Lab - Density • Ch.11 Review Activities / Assessment 	Extend 11.2 Lab Khan Academy
	9	<ul style="list-style-type: none"> • Chapter 12 Extending Surface Area and Volume • Lesson 12.1 - Representations of Three-dimensional Figures • Chapter 9 Transformations and Symmetry • Extend 9.3 Lab - Solids of Revolution 	Lesson 12.1 - Khan Academy

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 is 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.

Geometry Honors

2015 – 2016

		<ul style="list-style-type: none"> • Chapter 12 Extending Surface Area and Volume • Lesson 12.2 - Surface Area of Prisms & Cylinders • Lesson 12.4 - Volume of Prisms & Cylinders • Lesson 12.3 - Surface Area of Pyramids & Cones • Lesson 12.5 - Volume of Pyramids & Cones 	<p>Lesson 12.2 - Khan Academy</p> <p>Lesson 12.3 - Khan Academy</p> <p>Lesson 12.4 - Khan Academy</p> <p>Lesson 12.5 - Khan Academy</p>
	10	<ul style="list-style-type: none"> • Chapter 12 Extending Surface Area and Volume • Lesson 12.6 - Surface Area & Volume of Spheres • Lesson 11.5 - Areas of Similar Figures • Lesson 12.8 - Congruent and Similar Solids • Ch. 12 Review Activities / Assessment 	<p>Lesson 12.6 - Khan Academy</p>
	11	<ul style="list-style-type: none"> • Chapter 10 Circles • Lesson 10.1 - Circles and Circumference • Lesson 10.2 - Measuring Angles and Arcs (including radian measure) • (DFA Review Activities / Assessment) 	<p>Lesson 10.1 - Khan Academy</p> <p>Lesson 10.2 - Khan Academy</p>

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 is 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.

Geometry Honors

2015 – 2016

	Week	Major Concepts / Topics	Possible Resources
Quarter 4 Mar 29 – May 26	1	<ul style="list-style-type: none"> • Chapter 10 Circles • Lesson 10.3 - Arcs & Chords • Lesson 10.4 - Inscribed Angles • Lesson 10.5 - Tangents 	Lesson 10.3 - Khan Academy Lesson 10.4 - Khan Academy Lesson 10.5 - Khan Academy Khan Academy
	2	<ul style="list-style-type: none"> • Chapter 10 Circles • Lesson 10.6 - Secants, Tangents, & Angle Measures • Lesson 10.7 - Special Segments in a Circle • Lesson 10.8 - Equations of Circles 	Lesson 10.6 - Khan Academy Lesson 10.7 - Khan Academy Lesson 10.8 - Khan Academy
	3	<ul style="list-style-type: none"> • Ch. 10 Review Activities / Assessment • Geometry Standards Review 	Geometry Standards – Florida Student
	4	<ul style="list-style-type: none"> • Geometry Standards Review 	
	5	<ul style="list-style-type: none"> • Geometry Standards Review 	
	6	<ul style="list-style-type: none"> • Chapter 8 Right Triangles and Trigonometry • Lesson 8.6 - Law of Sines and Cosines • Conic Sections - Parabola 	Lesson 8-6 - Khan Academy Conics Sections - Parabola Khan Academy
	7	<ul style="list-style-type: none"> • Conic Sections – Parabola • Conic Sections – Ellipse • Conic Sections - Hyperbola 	Conics Sections - Parabola Khan Academy Conics- Ellipse Khan Academy Conics- Hyperbola Khan Academy
	8	<ul style="list-style-type: none"> • Conic Sections – Hyperbola • Review Activities 	Conics- Hyperbola Khan Academy
	9	<ul style="list-style-type: none"> • Exam Week 	

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 is 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.