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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 Computer-Based Practice Test Answer Key

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

Additional Practice of Course Standards

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 12	1 8/10	• **Chapter 1 Tools of Geometry** • Algebra Review (Simplify Radicals, Equations of Lines)	
	2 8/13 – 8/17	• **Chapter 1 Tools of Geometry** • Lesson 1.1 - Points, Lines, Planes • Lesson 1.2 - Linear Measure • Lesson 1.3 - Distance & Midpoint • Lesson 1.4 - Angle Measures • Constructions (4 Basic)	Lesson 1.1 - Khan Academy Lesson 1.2 - Khan Academy Lesson 1.3 - Khan Academy Lesson 1.3 - Khan Academy Lesson 1.4 - Khan Academy Constructions- Khan Academy Copy A Segment Copy An Angle Bisect A Line Bisect An Angle
	3 8/20 – 8/24	• Lesson 1.5 - Angle Relationships • Lesson 1.6 - 2D Figures, Polygons • Lesson 1.6 - Applications (basic area) • Lesson 1.3 - Applications (perimeter) • **Chapter 2 Reasoning and Proof** • Lesson 2.6 - Algebraic Proofs • Lesson 2.5 - Post & paragraph proofs	Lesson 1.5 - Khan Academy Lesson 1.6 - You Tube Lesson 1.6 Applications - You Tube Lesson 1.3/1.6 Applications You Tube Lesson 2.6 - You Tube Lesson 2.5 - Khan Academy
	4 8/27 – 8/31	• Lesson 2.7 - Proving Segment Relationships • Lesson 2.8 - Proving Angle Relationships	Lesson 2.7 - Khan Academy Lesson 2.8 - Khan Academy
	5 9/4 – 9/7	• Ch. 1/2 Review Activities • Assessment • **Chapter 3 Parallel and Perpendicular Lines** • Lesson 3.1 - Parallel Lines & Transversals	Lesson 3.1 - Khan Academy
	6 9/10 – 9/14	• Lesson 3.2 - Angles & Parallel Lines • Lesson 3.3 - Slopes of Lines • Lesson 3.4 - Equations of Lines • Lesson 3.5 - Proving Lines Parallel	Lesson 3.2 - Khan Academy Lesson 3.3 – Khan Academy Lesson 3.4 – Khan Academy Parallel vs. Perpendicular Khan Academy Lesson 3.5 - Khan Academy
	7 9/17 – 9/21	• Lesson 3.5 - Proving Lines Parallel (Proofs) • Lesson 3.6 - Perpendiculars & Distance • Constructions	Lesson 3.6 - Khan Academy Constructions - Khan Academy Parallel Lines

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			Perpendicular Lines
	8 9/24 – 9/28	• Ch. 3 Review Activities • Assessment • **Chapter 4 Congruent Triangles** • Lesson 4.1 - Classifying Triangles • Lesson 4.2 - Angles of Triangles • Lesson 4.3- Congruent Triangles/Lesson 4.7- Congruence Transformations • Lesson 4.7- Congruence Transformations/Discovery of SSS, SAS, ASA, AAS	Lesson 4.1 - Khan Academy Lesson 4.2 - Khan Academy Lesson 4.3 - Khan Academy Lesson 4.7 - You Tube
	9 10/1 – 10/5	• Lesson 4.5- Proving Triangles Congruent: ASA, AAS • Lesson 4.4, 4.5 - proofs • HL theorem and CPCTC • Lesson 4.6 - Isosceles & Equilateral Triangles	Lesson 4.5 - Khan Academy Lesson 4.4 Triangle Congruence- Khan Academy Lesson 4.6 - You Tube
	10 10/8 – 10/2	• Lesson 4.8 - Triangles & Coordinate Proof • Review Activities • Assessment	Lesson 4.8 - You Tube Lesson 4.8 - You Tube

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Geometry Honors   2018 – 2019

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Quarter 2 Oct 16 – Dec 21	1 10/16 – 10/19	• **Chapter 5 Relationships in Triangles** • Constructions (Incenter, Circumcenter, Centroid) • Constructions (Circumscribed and Inscribed Circles)	Incenter Circumcenter Centroid Circumscribe A Circle Inscribe A Circle
	2 10/22 – 10/26	• Lesson 5.1 - Bisectors of Triangles • Lesson 5.2 - Medians & Altitudes • Lesson 5.3 - Inequalities in 1 Triangle • Lesson 5.5 - The Triangle Inequality • Lesson 5.6 - Inequalities in 2 Triangles	Lesson 5.1 - Khan Academy Lesson 5.2 - Khan Academy Lesson 5.3 - You Tube Lesson 5.5 - Khan Academy Lesson 5.6 - You Tube
	3 10/29 – 11/2	• Ch. 5 Review Activities • Assessment • **Chapter 6 Quadrilaterals** • Lesson 6.1 - Angles of Polygons • Lesson 6.2 – Parallelograms	Lesson 6.1- Khan Academy Lesson 6.2- Khan Academy
	4 11/5 – 11/9	• Lesson 6.3 - Tests for Parallelograms • Lesson 6.4 – Rectangles • Lesson 6.5 - Rhombi & Squares • Lesson 6.6- Trapezoids & Kites	Lesson 6.3 - Khan Academy Lesson 6.4 - Khan Academy Lesson 6.5 - Khan Academy Lesson 6.6 - Khan Academy
	5 11/13 – 11/16	• Lesson Quadrilateral Coordinates • Quadrilateral Proofs • Ch. 6 Review Activities • Assessment	Lesson Quad. Coordinates/Proofs Khan Academy
	6 11/19 – 11/20	• **Chapter 7 Proportions and Similarity** • Lesson 7.1 - Ratios & Proportions • Lesson 7.2 - Similar Polygons • Lesson 7.6 - Similarity Transformations	Lesson 7.2 - Khan Academy Lesson 7.6 - You Tube
	7 11/26 – 11/30	• Lesson 7.3 - Similar Triangles • Lesson 7.4 - Parallel Lines & Proportional Parts • Lesson 7.5 - Parts of Similar Triangles • Lesson 7.7 - Scale Drawings & Models	Lesson 7.3 - Khan Academy Lesson 7.4 - Parallel Khan Academy Lesson 7.5- Khan Academy Lesson 7.7- Khan Academy

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	8 12/3 – 12/7	• Partitioning a Directed Segment • Ch. 7 Review Activities • Assessment	Partitioning a Segment Partitioning Segment II Partitioning Segment Construction Partitioning A Segment Using Slope
	9 12/10 – 12/14	• Semester Exam Review	
	10 12/17 – 12/21	• District Exams •	

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Geometry Honors   2018 – 2019

	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 7 – Mar 14	1 1/7 – 1/11	• **Chapter 8 Right Triangles and Trigonometry** • Lesson 8.1 - Geometric Mean • Lesson 8.2 - Pythagorean Theorem & Converse • Lesson 8.3 – Radicals Review • Lesson 8.3 - Special Right Triangles • Lesson 8.4 - Trigonometry	Geometric Mean Easy Geometric Mean Hard Geometric Mean Triangles Lesson 8.2 - Khan Academy Lesson 8.3 - Khan Academy Lesson 8.4 - Khan Academy
	2 1/14 – 1/18	• **Chapter 8 Right Triangles and Trigonometry** • Lesson 8.4 - Trigonometry • Lesson 8.5 - Angles of Elevation and Depression • Ch. 8 Review Activities •	Lesson 8.5 - Khan Academy
	3 1/22 – 1/25	• **Chapter 8 Right Triangles and Trigonometry** • Assessment • **Chapter 9 Transformations and Symmetry** • Lesson 9.1 - Reflections • Lesson 9.2 - Translations • Lesson 9.3 – Rotations • Lesson 9.5 - Symmetry	Lesson 9.1 - Khan Academy Lesson 9.2 - Khan Academy Lesson 9.3 - Khan Academy Lesson 9.5 - Khan Academy
	4 1/28 – 2/1	• Lesson 9.4 - Compositions of Transformations • Lesson 9.6 – Dilations • Activity	Lesson 9.4 - Kahn Academy Lesson 9.6 - Khan Academy
	5 2/4 – 2/8	• Ch.9 Review Activities • Assessment • **Chapter 10 Circles** • Lesson 10.1 - Circles and Circumference • Lesson 10.2 - Measuring Angles and Arcs (including radian measure) • Lesson 10.3 - Arcs & Chords	Lesson 10.1 - Khan Academy Lesson 10.2 - Khan Academy Lesson 10.3 - Khan Academy
	6 2/11 – 2/14	• Lesson 10.4 - Inscribed Angles • Lesson 10.5 – Tangents • Constructions • Lesson 10.6 - Secants, Tangents, & Angle Measures	Lesson 10.4 - Khan Academy Lesson 10.5 - Khan Academy Lesson 10.6 -Khan Academy

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		• Lesson 10.7 - Special Segments in a Circle	Lesson 10.7 - Khan Academy
	7 2/19 – 2/22	• Lesson 10.8 - Equations of Circles • Completing the Square with Equations of Circles • Constructions/Activities	Lesson 10.8 - Khan Academy
	8 2/25 – 3/1	• Ch. 10 Review • Assessment • **Chapter 11 Areas of Polygons and Circles** • Lesson 11.1 - Area of Parallelograms & Triangles • Lesson 11.2 - Area of Trapezoids, Rhombi, Kites	Lesson 11.1 - Khan Academy Lesson 11.2 - Khan Academy
	9 3/4 – 3/8	• Extend 11.2 Lab - Density • Lesson 11.3 - Areas of Circles & Sectors (including radian measure) • Lesson 11.4 - Areas of Composite Figures • Lesson 11.4- Areas of Regular Polygons • Lesson 11.5 - Areas of Similar Figures	Extend 11.2 Lab Khan Academy Lesson 11.3 - Khan Academy Lesson 11.4 - Khan Academy Lesson 11.5 – Khan Academy
	10 3/11 – 3/14	• Ch.11 Review Activities • Assessment • Lesson 1.7 – 3D figures • **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 Extend 9.3 Lab – Khan Academy

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Geometry Honors   2018 – 2019

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Quarter 4 Mar 18 – May 24	1 3/18 – 3/22	• **SPRING BREAK – NO SCHOOL**	
	2 3/25 – 3/29	• **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	Lesson 12.2 - Khan Academy Lesson 12.4 - Khan Academy Lesson 12.3 - Khan Academy Lesson 12.5 - Khan Academy
	3 4/1 – 4/5	• Lesson 12.6 - Surface Area & Volume of Spheres • Lesson 12.8 - Congruent and Similar Solids • Ch. 12 Review Activities • Assessment • Geometry Standards Review	Lesson 12.6 - Khan Academy Lesson 12.8 - Khan Academy
	4 4/8 – 4/12	• Geometry Standards Review	
	5 4/15 – 4/19	• Geometry Standards Review	
	6 4/22 – 4/26	• Geometry Standards Review	
	7 4/29 – 5/3	• **Chapter 8 Right Triangles and Trigonometry** • Lesson 8.6 - Law of Sines and Cosines • Conic Sections - Parabola • Conic Sections – Ellipse	Lesson 8.6 - Khan Academy Parabola Khan Academy Ellipse Khan Academy
	8 5/6 – 5/10	• Conic Sections – Hyperbola • Review Activities	Hyperbola Khan Academy
	9 5/13 – 5/17	• Course Standards Review	
	10 5/20 – 5/24	• Exam Week	

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