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Publisher Resource:

HMH (Holt McDougal) (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

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Geometry 2018 – 2019

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 12	1 8/10	• Solving Linear Equations	Linear Equations
	2 8/13 – 8/17	• Solving Linear Equations • 5.7 Pythagorean Theorem	Linear Equations 5.7 Special Right Triangles
	3 8/20 – 8/24	• Partitioning a Segment • 1.6 Distance Formula/Midpoint Formula **Chapter 1 Foundations for Geometry** • 1.1 Understanding points, lines and planes • 1.2 Measuring and constructing segments • 1.7 Transformations in the coordinate plane	1.6 Midpoint formula 1.6 Distance Formula 1.1 Points Lines and Planes 1.2 Measuring line segments 1.2 Constructing line segments 1.7 Transformations
	4 8/27 – 8/31	• 1.3 Measuring and constructing angles • 1.4 Pairs of angles • Assessment	1.3 Measuring an angle 1.3 Constructing an angle 1.3 Bisecting an angle 1.4 Pairs of angles 1.4 Complementary/Supplementary angles
	5 9/3 – 9/7	**Chapter 3 Parallel and Perpendicular Lines** • 3.5 Slopes of lines • 3.4 Perpendicular Lines • 3.6 Lines in the coordinate plane	3.5 Slope and Lines 3.4 Perpendicular Lines 3.6 Lines in the Coordinate Plane
	6 9/10 – 9/14	• 3.1 Lines and angles • 3.2 angles formed by transversals	3.2 Angles formed by transversals
	7 9/17 – 9/21	• 3.3 proving parallel lines • Construct Parallel and Perpendicular Lines	3.3 Proving Lines are parallel
	8 9/24 – 9/28	• Chapter 3 Assessment **Chapter 2 Proofs** • 2.6 and 2.7 Geometric proofs	 2.6 Algebraic Proofs
	9 10/1 – 10/5	• 2.6 and 2.7 Geometric proofs • Assessment **Chapter 4 Triangle Congruence** • 4.2 Classifying triangles	2.6 Algebraic Proofs 4.2 Classify Triangles 4.3 Angle Relationship

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	10 10/8 – 10/12	• 4.3 Angle relationships • 4.9 Isosceles and equilateral triangles • 4.1 Congruence in transformations	4.9 Isosceles and equilateral triangles 4.1 Congruency in transformations

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Geometry 2018 – 2019

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Quarter 2 Oct 16 – Dec 21	1 10/16 – 10/19	• 4.4 Congruent Triangles • 4.5 Congruent Triangles: SSS, SAS, ASA, AAS, HL • 4.6 Congruent Triangles: SSS, SAS, ASA, AAS, HL	4.5 Congruent Triangles 4.6 Congruent Triangle Practice
	2 10/22 – 10/26	• 4.7 Triangle Congruence CPCTC • 4.8 Coordinate Proofs • Assessment	4.7 Triangle Congruency Proofs
	3 10/29 – 11/2	**Chapter 5 Properties of Attributes of Triangles** • 5.3 Medians and altitudes • 5.1 Perpendicular and angle bisectors • 5.2 Bisectors of triangles • 5.4 Triangle mid segment theorem	5.3 Medians and altitudes 5.1 Angle Bisectors 5.2 Bisectors of Triangles 5.4 Triangle Mid segment Theorem
	4 11/5 – 11/9	• 5.4 Triangle mid segment theorem • 5.5 Inequalities in one triangle • 5.6 Inequalities in two triangles	5.6 Inequalities in Two Triangles
	5 11/12 – 11/16	• Review • Assessment **Chapter 6 Polygons and Quadrilaterals** • 6.1 Properties of regular polygons	
	6 11/19 – 11/20	• 6.2 Properties of parallelograms	6.2 Properties of parallelograms
	7 11/26 – 11/30	• 6.3 Conditions of parallelograms • 6.4 Properties of special parallelograms • 6.5 Conditions for special parallelograms	6.3 Conditions of parallelograms 6.4 Conditions of parallelograms 6.5 Conditions of Special Parallelograms Rhombus
	8 12/3 – 12/7	• 6.6 Properties of kites and trapezoids • Review • Assessment	6.6 Properties of Kites and Trapezoids
	9 12/10 – 12/14	• Standards Review	

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	10 12/17 – 12/21	• Midterms	

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	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 7 – Mar 14	1 1/7– 1/11	**Chapter 7 Similarity** • 7.1 Ratios in similar polygons • 7.3 Triangle similarity: AA, SSS, SAS • 7.4 Applying properties of similar triangles	7.1 Rations in Similar polygons 7.3 Similarity Triangle Practice 7.4 Triangle Congruency Proofs
	2 1/14 – 1/18	• 7.5 Using Proportional Relationships • 7.2 Similarity in transformations • 7.6 Dilations and similarity in the coordinate plane	7.2 Similarity in Transformations 7.6 Dilations and similarity in the coordinate plane
	3 1/21 – 1/25	**Chapter 8 Right Triangles and Trigonometry** • 8.1 Similarity in right triangles • 8.2 Trigonometric ratios	8.1 Similarity in right triangles 8.2 Trigonometric Ratios
	4 1/28 – 2/1	• 8.3 Solving right triangles (inverse trig) • Sin/Cos Relationship of acute angles of a triangle: sin x=cos (90-x)	8.3 Solving Right Triangles
	5 2/4 – 2/8	• 8.4 Angles of elevation and depression • Assessment **Chapter 9 Extending Transformational Geometry** • 9.1 Reflections • 9.2 Translations	9.1 Reflections 9.2 Translations
	6 2/11 – 2/15	• 9.2 Translations • 9.3 Rotations	9.2 Translations 9.3 Rotations
	7 2/18 – 2/22	• 9.4 Compositions of transformations • 9.5 Symmetry • Assessment	9.4 Composition of transformations 9.5 Symmetry
	8 2/25 – 3/1	**Chapter 10 Extending Perimeter, Circumference, and Area** • 10.1 Developing formulas for triangles and quadrilaterals • 10.2 Developing formulas for circles • 10.4 Perimeter and area in the coordinate plane/Composite Figures • 10.5 Effects of changing dimensions proportionally	10.1 Developing formulas for triangles and quadrilaterals 10.2 Developing Formulas for Circles 10.4 Area of shapes on coordinate plane 10.5 effects of changing dimensions

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	9 3/4 – 3/8	• Population Density • Assessment **Chapter 11 Spatial Reasoning** • 11.1 Solid geometry • Surface Area of Prisms and Cylinders • Surface Area of Pyramids and Cones	11.1 Solid Geometry Surface Area
	10 3/11 – 3/14	• 11.4 Surface Area of Spheres • Similarity of Solids • Assessment	11.4 Volume of Sphere Volume Formulas Review

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Quarter 4 Mar 18 – May 24	1 3/18 – 3/22	• **SPRING BREAK – NO SCHOOL**	
	2 3/25 – 3/29	• 11.2 Volumes of prisms and cylinders • 11.3 Volumes of Pyramids and Cones • 11.4 Volume of spheres • Assessment **Chapter 12 Circles** • 12.7 Circles in the coordinate plane	11.2 Volume of Cylinder 11.3 Volume of Cone 12.7 Graphing circles on the coordinate plane
	3 4/1 – 4/5	• 12.1 Lines that intersect circles • 12.2 Arcs and Chords • 12.3 Sector area	12.1 Tangent Lines 12.2 Arcs and Chords 12.3 Sector Area Radians & Degrees Conversion 12.3 Arc Length
	4 4/8 – 4/12	• 12.4 Inscribed angles • 12.5 Angle relationships and circles	12.4 Inscribed angles
	5 4/15 – 4/19	• 12.6 Segment relationships in circles • Assessment	12.6 Secant tangent product theorem
	6 4/22 – 4/26	• Standards Review	
	7 4/29 – 5/3	• Standards Review	
	8 5/6 – 5/10	• Standards Based Performance Tasks and Algebra Standards Review	
	9 5/13 – 5/17	• Standards Based Performance Tasks and Algebra Standards Review	
	10 5/20 – 5/24	• Final Exams	

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