Geometry 2020-2021

Please Note:

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Publisher Resource:

Pearson (select your grade and course level and use your active directory)

Other Course Supplemental Resources:

Khan Academy (Geometry; does not support Internet Explorer)

Math Nation (Clever – use your active directory; does not support Internet Explorer)

FSA Portal
- Geometry EOC Test Item Specifications
- Geometry FSA Computer-Based Practice Test Answer Key

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

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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 9	1 8/10 – 8/14	• 1-1 Measuring Segments and Angles • 1-2 Basic Constructions	Measuring Segments – Khan Academy Measuring Angles – Khan Academy Copy Angle Construction – Math Open Reference Copy Segment Construction – Math Open Reference Angle Bisector Construction – Math Open Reference Perpendicular Bisector Construction – Math Open Reference
	2 8/17 – 8/21	• 1-3 Midpoint and Distance • 1-5 Conditional Statements • 1-6 Deductive Reasoning	Distance Formula – Khan Academy Midpoint Formula – Khan Academy
	3 8/24 – 8/28	• 1-7 Writing Proofs • Remediation, Review • Assessment	Proofs of General Theorems That use Triangle Congruence – Khan Academy
	4 8/31 – 9/4	• 2-1 Properties of Parallel Lines • 2-2 Proving Lines Parallel	Properties of Parallel Lines – Khan Academy Proving Lines Parallel – Khan Academy
	5 9/7 – 9/11	• Labor Day Holiday – 9/7 • 2-3 Parallel Lines and Triangles • 2-4 Slopes of Parallel and Perpendicular Lines	Parallel Lines and Triangles – Khan Academy Equations of Parallel and Perpendicular Lines – Khan Academy
	6 9/14 – 9/18	• Remediation, Review • Assessment • 3-1 Reflections	Reflections – Khan Academy
	7 9/21 – 9/25	• 3-2 Translations • 3-3 Rotations • 3-4 Classification of Isometries	Translations – Khan Academy Rotations – Khan Academy Classification of Isometries – Khan Academy
	8 9/28 – 10/2	• 3-5 Symmetry • Remediation, Review • Assessment • 4-1 Congruence	Classification of Isometries – Khan Academy Symmetry – Khan Academy Congruence – Khan Academy
	9 10/5 – 10/9	• 4-2 Isosceles and Equilateral Triangles • 4-3 Proving and Applying the SAS and SSS Congruence Criteria	Isosceles and Equilateral Triangles – Khan Academy Triangle Congruence – Khan Academy

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Quarter 2 Oct 12 – Dec 18	1 10/12 – 10/16	• Teacher Planning Day 10/12 • PSAT 10/14 • 4-4 Proving and Applying the ASA and AAS Congruence Criteria • 4-5 Congruence in Right Triangles	Congruent Parts of Congruent Triangles – Khan Academy Methods for Proving Triangles - MathbitsNotebook
	2 10/19 – 10/23	• 4-6 Congruence in Overlapping Triangles • Remediation, Review	Congruent Parts of Congruent Triangles – Khan Academy
	3 10/26 – 10/30	• Assessment • 5-1 Perpendicular and Angle Bisectors • 5-2 Bisectors in Triangles	Perpendicular Bisector Construction – Math Open Reference Bisectors in Triangles – Khan Academy
	4 11/2 – 11/6	• 5-3 Medians and Altitudes • 5-4 Inequalities in One Triangle	Medians and Altitudes – Khan Academy Triangle Inequality Theorem – Khan Academy
	5 11/9 – 11/13	• Veterans Day 11/11 • 5-5 Inequalities in Two Triangles • Remediation, Review • Assessment	Midsegment Theorem – Khan Academy Inequalities in Two Triangles – Khan Academy
	6 11/16 – 11/20	• 6-1 The Polygon Angle Sum Theorems • 6-2 Kites and Trapezoids	Kites and Trapezoids – Khan Academy
	7 11/23 – 11/24	• 6-3 Properties of Parallelograms • Thanksgiving Holiday 11/25 - 11/27	Properties of Parallelograms – Khan Academy
	8 11/30 – 12/4	• 6-4 Proving a Quadrilateral is a Parallelogram	Proving a Quadrilateral is a Parallelogram – Khan Academy
	9 12/7 – 12/11	• Remediation	
	10 12/14 – 12/18	• Review Semester 1 Standards • Midterm Exams	

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Quarter 3 Jan 5 – Mar 11	1 1/5– 1/8	• 6-5 Properties of Rhombuses, Rectangles, and Squares • 6-6 Conditions of Rhombuses, Rectangles, and Squares	Properties of Quadrilaterals – Khan Academy
	2 1/11 – 1/15	• Remediation, Review • Assessment • 7-1 Dilations • 7-2 Similarity Transformations	Dilations – Khan Academy Similarity Transformations – Khan Academy
	3 1/18 – 1/22	• Martin Luther King Jr. Holiday 1/18 • 7-3 Proving Triangles Similar • 7-4 Similarity in Right Triangles	
	4 1/25 – 1/29	• 7-5 Proportions in Triangles • Teacher Inservice 1/29	Proportions in Triangles – Khan Academy
	5 2/1 – 2/5	• Remediation, Review • Assessment • 8-1 Right Triangles and the Pythagorean Theorem	Pythagorean Theorem – Khan Academy
	6 2/8 – 2/12	• 8-2 Trigonometric Ratios • 8-5 Problem Solving with Trigonometry	Trigonometric Ratios – Khan Academy Problem Solving with Trigonometry – Khan Academy
	7 2/15 – 2/19	• Presidents Day Holiday 2/15 • Remediation, Review • Assessment	
	8 2/22 – 2/26	• 9-1 Polygons in the Coordinate Plane • 9-2 Proofs using Coordinate Geometry	Polygons in the Coordinate Plane – Khan Academy
	9 3/1 – 3/5	• 9-3 Circles in the Coordinate Plane • Remediation, Review	Circles in the Coordinate Plane – Khan Academy
	10 3/8 – 3/11	• Assessment	

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Quarter 4 Mar 15 – May 25	1 3/15 – 3/19	• **SPRING BREAK – NO SCHOOL**	
	2 3/22 – 3/26	• 10-1 Arcs and Sectors • 10-2 Lines Tangent to a Circle	Arcs and Sectors – Khan Academy Lines Tangent to a Circle – Khan Academy
	3 3/29 – 4/2	• 10-3 Chords • 10-4 Inscribed Angles • Holiday 4/2	Inscribed Angles – Khan Academy
	4 4/5 – 4/9	• 10-5 Secant Lines and Segments • Remediation, Review	Secants Lines and Segments – Khan Academy
	5 4/12 – 4/16	• Assessment • 11-1 Space Figures and Cross Sections • 11-2 Prisms and Cylinders	Space Figures – Khan Academy Prisms and Cylinders – Khan Academy
	6 4/19 – 4/23	• 11-3 Pyramids and Cones • 11-4 Spheres	Pyramids and Cones – Khan Academy Spheres – Khan Academy
	7 4/26 – 4/30	• Remediation, Review • Assessment	
	8 5/3 – 5/7	• Standards Review	
	9 5/10 – 5/14	• Standards Review	
	10 5/17 – 5/21	• Standards Review	
	11 5/24 – 5/25	• Standards Review	

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