

Honors Geometry: First 9 Weeks

Description of Each Standard

Day	Sections	Topics	Standards	Batta Notes/Examples	Assignment 1	Assignment 2
1	1.1	Nets and Drawings for Visualization Geometry	G.PL.5	Day 1 Batta Notes	Assignment 1	Assignment 2
2	1.2 and 1.3	Points, Lines, Planes, and Measuring Segments	G.PL.1, G.PL.2, G.LP.2	Day 2 Batta Notes	Assignment 1	Assignment 2
3	1.4 and 1.5	Measuring Angles, Exploring Angle Pairs	G.PL.2, G.PL.3	Day 3 Batta Notes	Assignment 1	Assignment 2
4	1.6	Basic Construction	G.PL.5, G.T.3	Day 4 Batta Notes	Assignment 1	Assignment 2
5	1.7 and 1.8	Midpoint, Distance, Perimeter, Circumference & Area	G.PL.1, G.T.8	Day 5 Batta Notes	Assignment 1	Assignment 2
6		Review for Test	all previous	Review Game	Practice Test 1	Practice Test 2
7		Chapter 1 Test	all previous		Test 1, Version 1	Test 1, Version 2
8	2.1 and 2.2	Inductive Reasoning, Conditional Statements	G.LP.3	Day 8 Batta Notes	Assignment 1	Assignment 2
9	2.3 and 2.4	Biconditionals, Deductive Reasoning	G.LP.3	Day 9 Batta Notes	Assignment 1	Assignment 2
10	2.5	Reasoning in Algebra and Geometry: Intro to Proofs	G.LP.4, G.LP.1	Day 10 Batta Notes	Assignment 1	Assignment 2
11	2.6	Proving Angles Congruent and Review for Test	G.LP.4	Day 11 Batta Notes	Practice Test 1	Practice Test 2
12		Chapter 2 Test	all previous		Test 2, Version 1	Test 2, Version 2
13	3.1 and 3.2	Lines, Angles and Properties of Parallel Lines	G. PL.2, G.PL.3, G.LP.4	Day 13 Batta Notes	Assignment 1	Assignment 2
14	3.3 and 3.4	Proving Lines Parallel, Perpendicular	G.PL.3, G.PL.4	Day 14 Batta Notes	Assignment 1	Assignment 2
15	3.5 and 3.6	Parallel Lines & Triangles, Construction of Parallel Lines	G.T.3, G.PL.5	Day 15 Batta Notes	Assignment 1	Assignment 2
16	3.7 and 3.8	Equations in the Coordinate Plane, Slopes	G.PL.4	Day 16 Batta Notes	Assignment 1	Assignment 2
17		Review for Test	all previous	Review Game	Practice Test 1	Practice Test 2
18		Chapter 3 Test	all previous		Test 3, Version 1	Test 3, Version 2
19	4.1 and 4.2	Congruency, SSS, SAS	G.T.2	Day 19 Batta Notes	Assignment 1	Assignment 2
20	4.3 and 4.4	ASA, AAS, CPCTC	G.T.2	Day 20 Batta Notes	Assignment 1	Assignment 2
21		Geometer's Sketchpad Activity of SSS, SAS, ASA, AAS	G.T.2		Activity 1	Activity 2
22	4.5 and 4.6	Isosceles, Equilateral Triangles, Congruent in Rights	G.LP.4, G.T.1	Day 22 Batta Notes	Assignment 1	Assignment 2

Honors Geometry: Second 9 Weeks

Day	Sections	Topics	Standards	Batta Notes/Examples	Assignment 1	Assignment 2
1	4.7	Overlapping Triangles and Review for Test	G.LP.4, G.T.2	Day 1 Batta Notes	Assignment 1	Assignment 2
2		Chapter 4 Test	all previous		Test 4, Version 1	Test 4, Version 2
3	5.1 and 5.2	Midsegments, Perpendicular and Angle Bisectors	G.T.1	Day 3 Batta Notes	Assignment 1	Assignment 2
4	5.3 and 5.4	Bisectors, Medians, Altitudes of Triangles	G.T.1	Day 4 Batta Notes	Assignment 1	Assignment 2
5		Geometer's Sketchpad Activity of Bisectors, Medians & Alt	G.T.1			
6	5.5 and 5.6	Indirect Proofs, Inequalities in One Triangle	G.LP.4, G.T.6	Day 6 Batta Notes	Assignment 1	Assignment 2
7	5.7	Inequalities in Two Triangles and Review for Test	G.T.6	Day 7 Batta Notes	Assignment 1	Assignment 2
8		Chapter 5 Test	all previous			
9	6.1 and 6.2	Polygon Angle Sum Ths, Properties of Parallelograms	G.QP.1, G.QP.3	Day 9 Batta Notes	Assignment 1	Assignment 2
10	6.3 and 6.4	Properties of Parallelograms, Rhombuses, Rectangles, Squares	G.QP.1, G.QP.2	Day 10 Batta Notes	Assignment 1	Assignment 2
11	6.5 and 6.6	Properties of Rhombuses, Rectangles, Trapezoids, Kites	G.QP.2	Day 11 Batta Notes	Assignment 1	Assignment 2
12	6.7 and 6.8	Polygons in Coordinate Plane, Coordinate Geometry	G.LP.4, G.QP.2	Day 12 Batta Notes	Assignment 1	Assignment 2
13	6.9	Proofs using Coordinate Geometry	G.LP.4	Day 13 Batta Notes	Assignment 1	Assignment 2
14		Review for Test	all previous			
15		Chapter 6 Test	all previous			
16	7.1 and 7.2	Ratios, Proportions and Similar Polygons	G.T.4, G.T.5	Day 16 Batta Notes	Assignment 1	Assignment 2
17	7.3 and 7.4	Proving Triangles Similar, Similarity in Right Triangles	G.T.4, G.T.5, G.T.7	Day 17 Batta Notes	Assignment 1	Assignment 2
18	7.5	Proportions in Triangles	G.T.4, G.T.5	Day 18 Batta Notes	Assignment 1	Assignment 2
19		Review for Final	all previous			
20		Semester 1 Final Exam	all previous			

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Honors Geometry: Third 9 Weeks

Day	Sections	Topics	Standards	Batta Notes/Examples	Assignment 1	Assignment 2
1	8.1 and 8.2	Pythagorean Th, Special Right Triangles	G.T.11	Day 1 Batta Notes	Assignment 1	Assignment 2
2	8.3	Trigonometry	G.T.10, G.T.9	Day 2 Batta Notes	Assignment 1	Assignment 2
3	8.4 and 8.5	Angles of Elevation, Depression, Vectors	G.T.11, G.T.10	Day 3 Batta Notes	Assignment 1	Assignment 2
4		Review for Test	all previous			
5		Chapter 8 Test	all previous			
6	9.1 and 9.2	Translations, Reflections	G.TR.1	Day 6 Batta Notes	Assignment 1	Assignment 2
7	9.3	Rotations	G.TR.1	Day 7 Batta Notes	Assignment 1	Assignment 2
8	9.4 and 9.5	Symmetry and Dilations	G.QP.4, G.TR.2, G.TS.2	Day 8 Batta Notes	Assignment 1	Assignment 2
9	9.7	Tessellations and Review	G.TR.1	Day 9 Batta Notes	Assignment 1	Assignment 2
10		Chapter 9 Test	all previous			
11	10.1 and 10.2	Areas of Parallelograms, Triangles, Kites, Trapezoids	G.QP.5, G.T.5	Day 11 Batta Notes	Assignment 1	Assignment 2
12	10.3	Areas of Regular Polygons	G.QP.5, G.T.11	Day 12 Batta Notes	Assignment 1	Assignment 2
13	10.4	Perimeters and Areas of Similar Figures	G.T.5	Day 13 Batta Notes	Assignment 1	Assignment 2
14	10.5	Trigonometry and Area	G.T.10, G.QP.5	Day 14 Batta Notes	Assignment 1	Assignment 2
15	10.6	Circles and Arcs	G.CI.1	Day 15 Batta Notes	Assignment 1	Assignment 2
16	10.7	Areas of Circles and Sectors	G.CI.2, G.CI.4	Day 16 Batta Notes	Assignment 1	Assignment 2
17	10.8	Geometric Probability	G.QP.5	Day 17 Batta Notes	Assignment 1	Assignment 2
18		Probability Activity	G.QP.5			
19		Review of Ch 10	all previous			
20		Chapter 10 Test	all previous			
21		Navigator Activity/Application Problems	all previous			
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Honors Geometry: Fourth 9 Weeks

Day	Sections	Topics	Standards	Batta Notes/Examples	Assignment 1	Assignment 2
1		Geometer's Sketchpad Activity Lab				
2	11.1 and 11.2	Space Figures, Cross Sections, Surface Area of Prisms and Cylinders	G.TS.1	Day 2 Batta Notes	Assignment 1	Assignment 2
3	11.3 and 11.4	Surface Area of Pyramids, Cones, Volumes of Prisms and Cylinders	G.TS.5	Day 3 Batta Notes	Assignment 1	Assignment 2
4	11.5 and 11.6	Volumes of Pyramids & Cones, Surface Area and Volume of Spheres	G.TS.5	Day 4 Batta Notes	Assignment 1	Assignment 2
5	11.7	Areas and Volumes of Similar Solids	G.TS.3	Day 5 Batta Notes	Assignment 1	Assignment 2
6		Review of Chapter 11	all previous			
7		Chapter 11 Test	all previous			
8	12.1 and 12.2	Tangent Lines, Chords and Arcs	G.CI.1	Day 8 Batta Notes	Assignment 1	Assignment 2
9	12.3	Inscribed Angles	G.CI.3	Day 9 Batta Notes	Assignment 1	Assignment 2
10	12.4	Angle Measures of Segment Lengths	G.CI.6	Day 10 Batta Notes	Assignment 1	Assignment 2
11	12.5 and 12.6	Circles in Coordinate Plane, Loci	G.CI.5	Day 11 Batta Notes	Assignment 1	Assignment 2
12		3D Coordinate Plane	G.TS.7, G.TS.8	<i>New Material</i>	<i>New Material</i>	<i>New Material</i>
13		3D Coordinate Plane	G.TS.7, G.TS.8	<i>New Material</i>	<i>New Material</i>	<i>New Material</i>
14		Review of Chapter 12	all previous			
15		Chapter 12 Test	all previous			
16		Applications: Design Problems and Constraints	G.TS.6	<i>New Material</i>	<i>New Material</i>	<i>New Material</i>
17		Applications: Design Problems and Constraints	G.TS.6	<i>New Material</i>	<i>New Material</i>	<i>New Material</i>
18		Review for Final	all previous			
19		Review for Final	all previous			
20		Semester 2 Final Exam	all previous			
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