

Pacing for Glencoe's *Florida Geometry*, Regular and Honors

Lesson Number	Lesson Title	Standard(s) Covered	Regular Pacing (days)	Honors Pacing (days)
1-1	Points, Lines, and Planes	LA.1112.1.6.1, MA.912.G.8.1	2	2
Extend 1-1	Geometry Lab: Describing What You See	LA.1112.1.6.2**	0.5	0
1-2	Linear Measure	MA.912.G.1.2, MA.912.G.8.6	2	2
1-3	Distance and Midpoints	MA.912.G.1.1	1	1
1-4	Angle Measure	MA.912.G.1.2, MA.912.G.8.4	1	1
1-5	Angle Relationships	MA.912.G.1.2, MA.912.G.8.2	2	2
Extend 1-5	Geometry Lab: Constructing Perpendiculars	MA.912.G.1.2	0.5	0.5
1-6	Two-Dimensional Figures	MA.912.G.2.1, MA.912.G.2.5, MA.912.G.2.6*, MA.912.G.2.7	1	1
Extend 1-6	Geometry Software Lab: Two-Dimensional Figures	MA.912.G.2.5	1	1
1-7	Three-Dimensional Figures	MA.912.G.7.1, MA.912.G.7.2	1	1
Extend 1-7	Geometry Lab: Orthographic Drawings and Nets	MA.912.G.7.1	0.5	0.5
Chapter 1	Review and Testing	—	2	2
2-1	Inductive Reasoning and Conjecture	LA.910.1.6.5**, MA.912.G.8.3**	1	0
2-2	Logic	MA.912.D.6.1*	0	1
2-3	Conditional Statements	MA.912.D.6.1*, MA.912.D.6.2, MA.912.D.6.3	2	2
Extend 2-3	Geometry Lab: Biconditional Statements	MA.912.D.6.2	0.5	0.5
2-4	Deductive Reasoning	MA.912.D.6.4	2	2
Explore 2-5	Geometry Lab: Necessary and Sufficient Conditions	LA.1112.1.6.2**	0.5	0
2-5	Postulates and Paragraph Proofs	MA.912.D.6.4, MA.912.G.8.1, MA.912.G.8.5	2	2
2-6	Algebraic Proof	MA.912.D.6.4, MA.912.G.8.4, MA.912.G.8.5	1	1
2-7	Proving Segment Relationships	MA.912.G.8.5	2	2

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2-8	Proving Angle Relationships	MA.912.G.8.5	2	2
Chapter 2	Review and Testing	—	2	2
3-1	Parallel Lines and Transversals	LA.1112.1.6.1, MA.912.G.1.3	1	1
Explore 3-2	Geometry Software Lab: Angles and Parallel Lines	MA.912.G.1.2, MA.912.G.1.3	1	1
3-2	Angles and Parallel Lines	MA.912.G.1.3	2	2
Explore 3-3	Graphing Technology Lab: Investigating Slope	MA.912.G.8.4**	0.5	0
3-3	Slopes of Lines	MA.912.G.8.3**	1	0
3-4	Equations of Lines	MA.912.G.8.2**	1	0
Extend 3-4	Geometry Lab: Equations of Perpendicular Bisectors	MA.912.G.4.2	0.5	0.5
3-5	Proving Lines Parallel	MA.912.G.1.2, MA.912.G.1.3	2	2
3-6	Perpendiculars and Distance	MA.912.G.1.1, MA.912.G.1.2	1	2
Chapter 3	Review and Testing	—	2	2
4-1	Classifying Triangles	MA.912.G.4.1, MA.912.G.8.6	1	1
Explore 4-2	Geometry Lab: Angles of Triangles	MA.912.G.2.2	0.5	0.5
4-2	Angles of Triangles	MA.912.G.2.2, MA.912.D.6.4, MA.912.G.8.2, MA.912.G.8.5	1	1
4-3	Congruent Triangles	MA.912.G.4.4, MA.912.G.4.6	1	1
4-4	Proving Triangles Congruent: SSS, SAS	MA.912.G.2.6, MA.912.G.4.6, MA.912.G.4.8*	2	2
Extend 4-4	Geometry Lab: Proving Constructions	MA.912.G.1.2, MA.912.G.4.8*	0.5	0.5
4-5	Proving Triangles Congruent: ASA, AAS	MA.912.G.4.6	2	2
Extend 4-5	Geometry Lab: Congruence in Right Triangles	MA.912.G.4.6	1	1
4-6	Isosceles and Equilateral Triangles	LA.910.1.6.5, MA.912.G.4.1	1	1
Explore 4-7	Graphing Technology Lab: Congruence Transformations	MA.912.G.2.6, MA.912.G.4.3	1	1

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4-7	Congruence Transformations	MA.912.G.2.4, MA.912.G.2.6*, MA.912.G.4.3	1	1
4-8	Triangles and Coordinate Proof	MA.912.D.6.4, MA.912.G.4.8*, MA.912.G.8.5	2	2
Chapter 4	Review and Testing	—	2	2
Explore 5-1	Geometry Lab: Constructing Bisectors	MA.912.G.4.2	0.5	0.5
5-1	Bisectors of Triangles	MA.912.G.4.1, MA.912.G.4.2	1	1
Explore 5-2	Geometry Lab: Constructing Medians and Altitudes	MA.912.G.4.2	0.5	0.5
5-2	Medians and Altitudes of Triangles	LA.1112.1.6.1, MA.912.G.4.2	2	2
5-3	Inequalities in One Triangle	LA.910.1.6.5, MA.912.G.4.7	1	2
5-4	Indirect Proof	MA.912.D.6.4, MA.912.G.8.4, MA.912.G.8.5	2	2
Explore 5-5	Graphing Technology Lab: The Triangle Inequality	MA.912.G.4.7	0.5	0.5
5-5	The Triangle Inequality	LA.1112.1.6.2, MA.912.G.4.7	1	1
5-6	Inequalities in Two Triangles	MA.912.G.4.7	2	2
Chapter 5	Review and Testing	—	2	2
6-1	Angles of Polygons	MA.912.G.2.2, MA.912.G.3.4	1	1
Extend 6-1	Spreadsheet Lab: Angles of Polygons	MA.912.G.2.2	1	1
6-2	Parallelograms	MA.912.G.3.1, MA.912.G.3.4	1	1
Explore 6-3	Graphing Technology Lab: Parallelograms	MA.912.G.3.1, MA.912.G.8.6	0.5	0.5
6-3	Tests for Parallelograms	MA.912.G.3.1, MA.912.G.3.3, MA.912.G.3.4	2	2
6-4	Rectangles	MA.912.G.3.1, MA.912.G.3.2, MA.912.G.3.3, MA.912.G.3.4	1	1
6-5	Rhombi and Squares	MA.912.G.3.1, MA.912.G.3.2, MA.912.G.3.3, MA.912.G.3.4	2	2
6-6	Trapezoids and Kites	MA.912.G.3.1, MA.912.G.3.2, MA.912.G.3.3, MA.912.G.3.4	2	2
Chapter 6	Review and Testing	—	2	2

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Lesson Number	Lesson Title	Standard(s) Covered	Regular Pacing (days)	Honors Pacing (days)
7-1	Ratios and Proportions	MA.912.D.11.5*	0	1
Extend 7-1	Graphing Technology Lab: Fibonacci Sequence and Ratios	MA.912.D.11.5*	0	1
7-2	Similar Polygons	MA.912.G.2.3, MA.912.G.3.3, MA.912.G.3.4	1	1
7-3	Similar Triangles	MA.912.G.2.3, MA.912.G.4.4, MA.912.G.4.6, MA.912.G.4.8	2	2
7-4	Parallel Lines and Proportional Parts	MA.912.G.4.4, MA.912.G.4.5, MA.912.G.4.6	2	2
7-5	Parts of Similar Triangles	MA.912.G.2.3, MA.912.G.4.4, MA.912.G.4.6	2	2
7-6	Similarity Transformations	MA.912.G.2.4, MA.912.G.2.6	1	1
7-7	Scale Drawings and Models	MA.912.G.8.4**	1	0
Chapter 7	Review and Testing	—	2	2
8-1	Geometric Mean	MA.912.G.4.4, MA.912.G.4.5, MA.912.G.4.6, MA.912.G.5.2, MA.912.G.5.4	1	1
Explore 8-2	Geometry Lab: The Pythagorean Theorem	MA.912.G.5.1	0.5	0.5
8-2	The Pythagorean Theorem and Its Converse	MA.912.G.5.1, MA.912.G.5.4	2	2
8-3	Special Right Triangles	MA.912.G.5.1, MA.912.G.5.3, MA.912.G.5.4	1	1
Explore 8-4	Graphing Technology Lab: Trigonometry	MA.912.T.2.1	0.5	0.5
8-4	Trigonometry	MA.912.G.5.4, MA.912.T.2.1	2	2
Extend 8-4	Geometry Lab: Secant, Cosecant, and Cotangent	MA.912.T.2.1	0.5	0.5
8-5	Angles of Elevation and Depression	LA.1112.1.6.2, MA.912.G.5.4	1	1
8-6	The Law of Sines and Law of Cosines	MA.912.T.2.1	2	2
Extend 8-6	Geometry Lab: The Ambiguous Case of the Law of Sines	MA.912.T.2.1	0.5	0.5
8-7	Vectors	LA.1112.1.6.1**, MA.912.D.9.3*	1	2
Extend 8-7	Geometry Lab: Adding Vectors	MA.912.D.9.3*, MA.912.G.8.3**	0.5	0.5
Chapter 8	Review and Testing	—	2	2

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Lesson Number	Lesson Title	Standard(s) Covered	Regular Pacing (days)	Honors Pacing (days)
9-1	Reflections	MA.912.G.2.4, MA.912.G.2.6*, MA.912.G.8.6	1	1
9-2	Translations	MA.912.G.2.4, MA.912.G.2.6*	1	1
Explore 9-3	Geometry Lab: Rotations	MA.912.G.2.4	0.5	0.5
9-3	Rotations	MA.912.G.2.4, MA.912.G.2.6*	2	2
Explore 9-4	Geometry Software Lab: Compositions of Transformations	MA.912.G.2.4	1	1
9-4	Compositions of Transformations	MA.912.G.2.4, MA.912.G.2.6*	2	2
Extend 9-4	Geometry Lab: Tessellations	MA.912.G.2.4	1	1
9-5	Symmetry	LA.910.1.6.5, MA.912.G.2.4	1	1
9-6	Dilations	MA.912.G.2.4, MA.912.G.2.6*	1	1
Extend 9-6	Graphing Technology Lab: Transformations Using Matrices	MA.912.G.2.4**	1	0
Chapter 9	Review and Testing	—	2	2
10-1	Circles and Circumference	MA.912.G.6.1*, MA.912.G.6.2, MA.912.G.6.5	1	1
10-2	Measuring Angles and Arcs	MA.912.G.6.2, MA.912.G.6.3*, MA.912.G.6.4, MA.912.G.6.5	1	1
10-3	Arcs and Chords	MA.912.G.6.2, MA.912.G.6.3*, MA.912.G.6.4	2	2
10-4	Inscribed Angles	MA.912.G.6.1*, MA.912.G.6.3*, MA.912.G.6.4	2	2
10-5	Tangents	MA.912.G.6.1*, MA.912.G.6.2, MA.912.G.6.3*, MA.912.G.6.4	2	2
Extend 10-5	Geometry Lab: Inscribed and Circumscribed Triangles	MA.912.G.6.1*	0	0.5
10-6	Secants, Tangents, and Angle Measures	MA.912.G.6.2, MA.912.G.6.3*, MA.912.G.6.4	2	2
10-7	Special Segments in a Circle	MA.912.G.4.5, MA.912.G.6.3* MA.912.G.6.4	1	1
Explore 10-8	Graphing Technology Lab: Equations of Circles	MA.912.G.6.6	0.5	0.5
10-8	Equations of Circles	MA.912.G.6.6, MA.912.G.6.7	1	1

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Chapter 10	Review and Testing	—	2	2
11-1	Areas of Parallelograms and Triangles	MA.912.G.2.5	2	2
Explore 11-2	Graphing Technology Lab: Areas of Trapezoids, Rhombi, and Kites	MA.912.G.2.5, MA.912.G.8.6	1	1
11-2	Areas of Trapezoids, Rhombi, and Kites	MA.912.G.2.5	2	2
11-3	Areas of Circles and Sectors	MA.912.G.6.5, MA.912.G.8.2, MA.912.G.8.3	1	1
Explore 11-4	Geometry Lab: Investigating Areas of Regular Polygons	MA.912.G.2.5	0.5	0.5
11-4	Areas of Regular Polygons and Composite Figures	MA.912.G.2.5, MA.912.G.2.7	2	2
Extend 11-4	Geometry Lab: Areas of Irregular Figures	MA.912.G.2.5	1	1
11-5	Areas of Similar Figures	MA.912.G.2.6*, MA.912.G.2.7	1	1
Chapter 11	Review and Testing	—	2	2
Explore 12-1	Geometry Lab: Right Solids and Oblique Solids	MA.912.G.7.1	1	1
12-1	Representations of Three-Dimensional Figures	MA.912.G.7.3*	0	1
12-2	Surface Areas of Prisms and Cylinders	MA.912.G.7.2, MA.912.G.7.5, MA.912.G.7.7	1	1
12-3	Surface Areas of Pyramids and Cones	MA.912.G.7.2, MA.912.G.7.5, MA.912.G.7.7	1	1
12-4	Volumes of Prisms and Cylinders	MA.912.G.7.5, MA.912.G.7.7	1	1
Extend 12-4	Graphing Technology Lab: Changing Dimensions	MA.912.G.7.7, MA.912.G.8.4	0.5	0.5
12-5	Volumes of Pyramids and Cones	MA.912.G.7.5, MA.912.G.7.7	1	1
12-6	Surface Areas and Volumes of Spheres	MA.912.G.7.4, MA.912.G.7.5, MA.912.G.7.7	2	2
12-7	Spherical Geometry	LA.1112.1.6.2**, MA.912.G.7.4**	1	0
12-8	Congruent and Similar Solids	MA.912.G.7.6	1	1
Chapter 12	Review and Testing	—	2	2
Totals			160	160

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