

Mathematics Geometry

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit (order will vary)	Lines and Angles	Triangles	Quadratics and Circles	Area and Volume
Strands (Revised Maine Learning Results)	B. Data: 2. a. D. Algebra 12. c.	C. Geometry 8.	C. Geometry	C. Geometry 9.b. C. Geometry 10
Activities	Use Glencoe Mathematics <i>Geometry</i> , 2005 resources and handouts			
Assessments	Chapter tests 1,2, and 3	Chapter tests 4, 5, 6, and 7	Chapter tests 8, 9, and 10	Chapter tests 11, 12, and 13

Vocabulary	Acute angle Adjacent angles Angle Angle bisector Collinear Complementary angles Congruent Coplanar Line segment Obtuse angle Perimeter Perpendicular lines Polygon Ray Right angle Segment bisector Supplemental Vertical angles Bi-conditional Conjecture Conjunction Contra-positive Converse Counterexample Deductive reasoning Disjunction If-then statement Inductive reasoning Inverse Negation Postulate Statement Theorem Truth table Alternate exterior angle Alternate interior angle Corresponding angles Equidistant Parallel lines, planes Point-slope form Rate of change Skew lines Slope Slope intercept form Transversal	Acute triangle Base angle Transformation Congruent triangles Corollary Equiangular triangle Equilateral triangle Exterior angle Included angle Isosceles triangle Obtuse angle Remote interior angle Right triangle Scalene triangle Vertex angle Altitude Centroid Circum-center Concurrent In center Median Ortho center Perpendicular bisector Point of concurrency Proof of contradiction Extremes Fractal Iteration Means Mid segment Proportion Ratio Scale factor Self-similar Similar polygons Angle of depression Angle of elevation Cosine Geometric mean Law of Cosines Law of Sines Pythagorean triple Sine Solve a triangle Tangent Trigonometric ratio trigonometry	Diagonals Isosceles Kite Median Parallelogram Rectangle Rhombus Square Trapezoid Dilation Line of reflection Line of symmetry Point of symmetry Reflection Rotation Rotational symmetry Scalar Tessellation Transformation Translation Vector Central angle Chord Circle Circumference Circumscribed Diameter Inscribed Intercepted Major arc Minor arc Pi Point of tangency Radius Secants Semicircle tangent	Apothem Irregular figure Irregular polygon Sector of a circle Segment of a circle Altitude Axis Cone Cylinder Hemisphere Lateral area Lateral edges Lateral faces Oblique Orthogonal angle Polyhedrons Prism Pyramid Regular polyhedron Regular prism Right Sphere Surface area Congruent solids Ordered triple Similar solids Volume
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Resources	Glencoe <i>Geometry</i> and related resources Text: Chapters 1, 2, 3	Chapters 4, 5, 6, and 7	Chapters 8, 9, and 10	Chapters 11, 12, and 13
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