

Curriculum Mapping

School Illini Bluffs High School School Year 2008-2009

Teacher _____ Email Address _____

Course Geometry Grade Level 10+ Page _____

Month	ILS	Content	Skills	Assessments	Resources
August	9B4 9C4	Basic figures Definitions and postulates	Students will use the undefined terms of geometry to define other terms of geometry Use segment and angle postulates	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
September	9B4 9C4a 9C4b	Deductive reasoning Theorems about angles and perpendicular lines	Use deductive reasoning Identify complementary and supplementary angles Write conditional and biconditional statements Find properties of perpendicular lines	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
October	9B4	Parallel lines Angles of polygons	Identify angles formed by transversals Use the results of parallel lines and transversals Identify and describe polygons Find the interior and exterior sums of polygonal angles	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
November	7A4 9B4 9C4a 9C4b 9C4c	Congruent triangles SSS SAS ASA AAS HL Isosceles triangles Right triangles .Equilateral triangles	Prove that two triangles are congruent (two-column proofs) Use properties of right , equilateral , and isosceles triangles Find angle and side measures	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
December	8D49 B4	Quadrilaterals Parallelograms	Use properties of parallelograms Prove a quadrilateral is a	Qizzes Tests	Text Teacher resource

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		Rectangles Rhombi Squares Trapezoids Kites	parallelogram Use properties of kites, trapezoids, rhombi, rectangles, and squares	Homework Boardwork Class discussion	materials Worksheets
January	6D4 7C4a 7C4b	Similar Polygons Ratio and Proportion	Use ratio and proportion to verify and solve similar polygons Use similar triangles to find proportional length	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
February	9B4	Right triangles Pythagorean theorem Special right triangles -30-60-90 -45-45-90	Use the Pythagorean theorem Find the side lengths of special right triangles	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
March	8D4 9D4	Right triangle trigonometry -Sin -Cos -Tan	Find the sine, cosine, and tangent of an acute angle Use trig ratios to solve problems Solve a right triangle	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
April	9B4	Circles Arcs Chords Tangents Secants	Identify the parts of circles Use properties of tangents to circles Use properties of central and inscribed angles	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets
May	7A4b 9B4	Areas of plane figures Areas and volumes of solids	Find the areas of rectangles, parallelograms, triangles, trapezoids, and rhombi Find the circumferences and areas of circles Find surface areas of rectangular solids, prisms, cylinders, and pyramids Find the volumes of prisms, pyramids, cylinders, and cones	Qizzes Tests Homework Boardwork Class discussion	Text Teacher resource materials Worksheets

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June					