

SAHS-Math-Geometry 2018

Teachers please choose the Unit(s) this student needs to master in PLATO in order to receive credit recovery. Please Note: Material for recovery can only be assigned for terms (quarters/semesters) that a student has already failed not for a grading period a student is currently participating in.

Student Name: _____ Student ID: _____

Teacher Name _____ Grade Received: _____

Credit Recovery Needed: (Please list grade received for the quarter)

Quarter1: _____ Quarter2: _____ Quarter3 _____ Quarter4: _____

Order of Operations (Pre-AlgB)

Please check here if whole unit must be completed

- Order of Operations
- Simple Equations in 1 Variable: Isolating the Variable
- More Difficult Linear Equations in 1 Variable

Unit 1 - Lines, Angles, and Basic Area

Please check here if whole unit must be completed

- Unit Pre Test
- Introduction to Geometry
- Basic Geometric Concepts
- Postulates and Theorems
- Points, Lines, and Planes
- Congruent Angles
- Supplementary and Complementary Angles
- Two of a Kind
- Special Angles, Part 1
- Special Angles, Part 2
- Using Geometry
- Slope
- The Distance Formula

Unit 2 - Parallel and Perpendicular Lines

Please check here if whole unit must be completed

- Unit Pre Test
- Graphing Linear Equations in 2 Variables
- Graphs, Slopes, and y-Intercepts
- Finding x- and y-Intercepts of a Linear Equation
- Equations, Graphs, Slopes, and y-Intercepts
- Slope-Intercept Form
- Point-Slope Form
- Intersecting Lines and Planes
- Angles in Pairs
- Slope Criteria for Parallel and Perpendicular Lines

Unit 3 - Triangles and Their Parts

Please check here if whole unit must be completed

- Unit Pre Test
- The Sum of the Angles in a Triangle
- Solving Right Triangle Problems

Unit 4 - Transformational Geometry

Please check here if whole unit must be completed

- Unit Pre Test
- Transformations and Congruence
- Symmetry
- Translations
- Rotations
- Properties of Dilations

Unit 5 - Constructions

Please check here if whole unit must be completed

- Unit Pre Test
- Geometric Constructions
- Geometric Constructions with Lines and Angles

Unit 6 - Congruent Triangles and Similarity

Please check here if whole unit must be completed

- Unit Pre Test
- Congruent Triangles, Part 1
- Congruent Triangles, Part 2
- Congruent Triangle Problems
- ASA, SAS, and SSS Criteria for Congruent Triangles
- Solving Proportions
- Similarity and Similarity Transformations
- Using Congruence and Similarity with Triangles
- Scale Drawings

Unit 7 - Right Triangles and Trigonometry

Please check here if whole unit must be completed

- Unit Pre Test
- Simplifying Radicals, Part 1
- Simplifying Radicals, Part 2
- The Pythagorean Theorem 1
- The Pythagorean Theorem 2
- Special Triangles and Problems with Special Triangles
- Trigonometric Ratios
- Solving Problems with Right Triangles

Unit 8 - Polygons and Quadrilaterals

Please check here if whole unit must be completed

- Unit Pre Test
- Introduction to Polygons
- Summing Up Angles
- Angles in Regular Polygons
- Introduction to Quadrilaterals
- Parallelograms, Part 1
- Parallelograms, Part 2
- Rhombuses and Trapezoids
- Area: Counting Square Units
- Finding the Perimeter of Polygons
- Calculating the Area of Rectangles and Squares
- Calculating the Area of Triangles
- The Area of Circles
- Measuring Circumference
- Area, Part 1
- Area, Part 2
- Perimeter and Area of Compound Shapes

Unit 10 Volume and Surface Area

Please check here if whole unit must be completed

- Unit Pre Test
- Introduction to Solid Figures (Pre-AlgB)
- Volume
- Using Measurement
- Prisms
- Area and Volume of Cylinders
- Area and Volume of Cones
- Surface Area of Prisms, Pyramids, and Cylinders

SAHS Final

Geometry Final

Office Use Only:

Counselor Referral Date: _____

Day: 1 2 Period: 1/2 3/4 5/6 7/8

Completion Date: _____ Teacher/Administrator: _____