

**Jefferson County Educational Service Center  
Virtual Learning Academy  
Required Course Materials  
MATHGEO: MATH CP GEOMETRY**

**Unit 01: Points, Lines, Planes, and Angles**

Compasses, Protractor, and Ruler

**Unit 02: Line Segments and Coordinate Geometry**

Scientific Calculator or Graphing Calculator

Graph Paper

**Unit 04: Properties of Equality**

Scientific Calculator or Graphing Calculator

**Unit 05: Properties and Proofs of Segments and Angles**

Scientific Calculator or Graphing Calculator

**Unit 06: Formulas**

Scientific Calculator or Graphing Calculator

**Unit 07: Angles, Transversals, and Parallel Lines**

Scientific Calculator or Graphing Calculator

**Unit 08: Parallel and Perpendicular Lines**

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

**Unit 09: Mid-Semester Review**

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

**Unit 10: Properties of Triangles**

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

**Unit 11: Proving Triangles Congruent**

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

**Unit 12: Specialties with Triangles and Indirect Proofs**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 13: Inequalities and Triangle Inequalities**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 14: Quadrilaterals, Parallelograms, and Rectangles**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 15: Special Parallelograms and Quadrilaterals**

Compasses, Protractor, and Ruler  
Scientific Calculator or Graphing Calculator

**Unit 16: Ratio, Proportion, and Similar Figures**

Scientific Calculator or Graphing Calculator

**Unit 17: Review**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 18: First Semester Exam**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 19: Proportional Parts of Similar Triangles**

Compasses, Protractor, and Ruler  
Scientific Calculator or Graphing Calculator

**Unit 20: Features of Right Triangles**

Scientific Calculator or Graphing Calculator

**Unit 21: Right Triangle Trigonometry**

Scientific Calculator or Graphing Calculator

**Unit 22: Circles**

Scientific Calculator or Graphing Calculator

**Unit 23: Inscribed Angles, Tangents, and Secants**

Compasses, Protractor, and Ruler  
Scientific Calculator or Graphing Calculator

**Unit 24: Special Segments and Equations of Circles**

Compasses, Protractor, and Ruler  
Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 25: Polygons, Tessellations, and Area**

Protractor and Ruler  
Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 26: Applications of Polygons and Circles**

Scientific Calculator or Graphing Calculator

**Unit 27: Mid-Semester Review**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 28: Surface Area**

Scissors and Tape  
Scientific Calculator or Graphing Calculator

**Unit 29: Volume**

Scientific Calculator or Graphing Calculator

**Unit 30: Graphing Equations of Lines**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 31: Coordinate Proofs and Transformations**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 32: Loci**

Scientific Calculator or Graphing Calculator  
Graph Paper

**Unit 33: Uncertainty in Measurements**

Scientific Calculator or Graphing Calculator

**Unit 34: Data Analysis**

Scientific Calculator or Graphing Calculator

**Unit 35: Permutations and Combinations**

Scientific Calculator or Graphing Calculator

**Unit 36: Final Exam**

Scientific Calculator or Graphing Calculator

Graph Paper