



## Geometry Level 2 Instruction in the West Shore School District

This course explores the basic structure of geometry. The course is designed to strengthen algebraic skills, develop powers of spatial visualization, and the need for precision of language.

### **Best Practices in Geometry Essentials:**

- Make sense of problems and persevere in solving them.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure

### **Skills and Concepts**

- Tools of Geometry
- Reasoning
- Parallel & Perpendicular lines
- Congruent Triangles
- Relationships within Triangles
- Similarity
- Right Triangles and Trigonometry
- Quadrilaterals
- Circles
- Measurement of Figures and Solids
- Transformations

### **Assessments**

WSSD utilizes a variety of assessments to monitor student growth and achievement. Our teachers engage in daily informal formative assessments to make timely decision about whether a student understands the material and concepts being presented. We also utilize several summative assessments to determine if a student has mastered grade level skills and standards.

*Some of the assessment utilized are:*

Quizzes

Tests

Projects

Midterm

Final Exam

### **Item samples for PSSA/ Keystone**

[SAS](#)

### **Materials and Resources:**

WSSD utilizes a variety of resources to meet all learners' needs.

Graphing Calculator

Protractor

Compass

Graph paper