Unit Pacing Guide: Geometry H

Content Area: **Math**
Course(s): **Geometry H**
Time Period:
Length: **180 Days**
Status: **Published**

Unit Pacing Guides

Belleville Public Schools Geometry H Pacing Guide

Content Area: Math

Course(s): Geometry H

Time Period: September - June

Division of Units / Topics:

Proofs and Lines Points, lines , planes, angles, midpoint,distance, angle measures, angle relationships, two dimensional figures - Chap 1 - (Unit 1) Conditional Statements 2.3 -(Unit 1) Algebraic Proofs 2.6 -(Unit 1) Segment Proofs 2.7 -(Unit 1)	

Angle Proofs 2.8 -(Unit 1) Parallel Lines and Transversals 3.1 -(Unit 1) Angles and Parallel Lines 3.2 -(Unit 1) Proving Lines Parallel 3.5 -(Unit 1) Benchmark 1	
Triangles & Translations • 4-1: Classifying Triangles - (Unit 2) • 4-2: Angles of Triangles - (Unit 2) • 4-3: Congruent Triangles - (Unit 2) • 4-4: Proving Triangles Congruent–SSS, SAS - (Unit 2) • 4-5: Proving Triangles Congruent–ASA, AAS - (Unit 2) • 4-6: Isosceles and Equilateral Triangles - (Unit 2) • 4-8: Triangles and Coordinate Proof - (Unit 2) • 9.1 Reflections - (Unit 3) • 9-2: Translations - (Unit 3) • 9-3: Rotations - (Unit 3) • 9-4: Compositions of Transformations - (Unit 3) • 9-5: Symmetry - (Unit 3) • 9-6: Dilations - (Unit 3) • Benchmark2	
Trigonometry • 8-1: Geometric Mean - (Unit 3) • 8-2: The Pythagorean Theorem and Its Converse - (Unit 3) • 8-3: Special Right Triangles - (Unit 3) • 8-4: Trigonometry - (Unit 3) • 8-5: Angles of Elevation and Depression - (Unit 3) • 8-6: The Law of Sines and Law of Cosines - (Unit 3) • 8-7: Vectors - (Unit 3) • Benchmark 3	

Circles, Area & Volume	
• 10-1: Circles and Circumference - (Unit 4) • 10-8: Equations of Circles - (Unit 4) • 10-2: Measuring Angles and Arcs - (Unit 4) • 10-3: Arcs and Chords - (Unit 4) • 10-4: Inscribed Angles - (Unit 4) • 10-5: Tangents - (Unit 4) • 10-6: Secants, Tangents, and Angle Measures - (Unit 4) • 10-7: Special Segments in a Circle - (Unit 4) • 11-1: Areas of Parallelograms and Triangle - (Unit 4) • 11-2: Areas of Trapezoids, Rhombi, and Kites - (Unit 4) • 11-3: Areas of Circles and Sectors - (Unit 4) • Chap 12 Area and Volume - (Unit 4) • Chapter 6 Properties of Quadrilaterals and Parallelograms - (Unit 2) • Chap 7 Similar polygons, similar triangles - (Unit 3) • Chap 5 Medians, altitudes, angle bisectors - (Unit 2)	