Unit Pacing Guide: Geometry A Copied from: Geometry, Copied on: 02/21/22

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

Unit Pacing Guides

Belleville Public Schools Geometry Pacing Guide

Content Area: Math
Course(s): Geometry A
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) • Chapter 6 Quadrilateral, Parallelograms and their properties -(Unit 2) • Chap 7 Similar polygons, similar triangles -(Unit 3) • Chap 5 Medians, altitudes, angle bisectors -(Unit 2)	