

# Unit Pacing Guide: Geometry A

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:**

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

<p>Angle Proofs 2.8 -(Unit 1)</p> <p>Parallel Lines and Transversals 3.1 -(Unit 1)</p> <p>Angles and Parallel Lines 3.2-(Unit 1)</p> <p>Proving Lines Parallel 3.5 -(Unit 1)</p> <p>Benchmark 1</p>	
<p style="text-align: center;"><b>Triangles &amp; Translations</b></p> <ul style="list-style-type: none"> <li>● 4-1: Classifying Triangles -(Unit 2)</li> <li>● 4-2: Angles of Triangles -(Unit 2)</li> <li>● 4-3: Congruent Triangles -(Unit 2)</li> <li>● 4-4: Proving Triangles Congruent–SSS, SAS -(Unit 2)</li> <li>● 4-5: Proving Triangles Congruent–ASA, AAS -(Unit 2)</li> <li>● 4-6: Isosceles and Equilateral Triangles -(Unit 2)</li> <li>● 4-8: Triangles and Coordinate Proof -(Unit 2)</li> <li>● 9.1 Reflections -(Unit 3)</li> <li>● 9-2: Translations -(Unit 3)</li> <li>● 9-3: Rotations- -(Unit 3)</li> <li>● 9-4: Compositions of Transformations -(Unit 3)</li> <li>● 9-5: Symmetry -(Unit 3)</li> <li>● 9-6: Dilations -(Unit 3)</li> <li>● Benchmark2</li> </ul>	
<p style="text-align: center;"><b>Trigonometry</b></p> <ul style="list-style-type: none"> <li>● 8-1: Geometric Mean -(Unit 3)</li> <li>● 8-2: The Pythagorean Theorem and Its Converse -(Unit 3)</li> <li>● 8-3: Special Right Triangles -(Unit 3)</li> <li>● 8-4: Trigonometry -(Unit 3)</li> <li>● 8-5: Angles of Elevation and Depression -(Unit 3)</li> <li>● 8-6: The Law of Sines and Law of Cosines -(Unit 3)</li> <li>● 8-7: Vectors -(Unit 3)</li> <li>● Benchmark 3</li> </ul>	

<p style="text-align: center;">Circles, Area &amp; Volume</p> <ul style="list-style-type: none"><li>● 10-1: Circles and Circumference -(Unit 4)</li><li>● 10-8: Equations of Circles -(Unit 4)</li><li>● 10-2: Measuring Angles and Arcs -(Unit 4)</li><li>● 10-3: Arcs and Chords -(Unit 4)</li><li>● 10-4: Inscribed Angles -(Unit 4)</li><li>● 10-5: Tangents -(Unit 4)</li><li>● 10-6: Secants, Tangents, and Angle Measures -(Unit 4)</li><li>● 10-7: Special Segments in a Circle -(Unit 4)</li><li>● 11-1: Areas of Parallelograms and Triangle -(Unit 4)</li><li>● 11-2: Areas of Trapezoids, Rhombi, and Kites -(Unit 4)</li><li>● 11-3: Areas of Circles and Sectors -(Unit 4)</li> <li>● Chapter 6 Quadrilateral, Parallelograms and their properties -(Unit 2)</li><li>● Chap 7 Similar polygons, similar triangles -(Unit 3)</li><li>● Chap 5 Medians, altitudes, angle bisectors -(Unit 2)</li></ul>	