

Name: Woods		Grading Quarter: 3	Week Beginning: 1/15/24
School Year: 23-24		Subject: Geometry	
Monday	Notes:	No school	Academic Standards:
Tuesday	Notes:	<p>Objective: Students will be able to identify real-world examples of points, lines, and planes.</p> <p>Lesson Overview: Basic definitions: point, line, plane, angle, line, line segment, ray, etc. Tennis ball experiment to make real-world connections White board balancing on heads to illustrate how three points determine a unique plane</p>	<p>Academic Standards:</p> <p>G.CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.</p>
Wednesday	Notes:	<p>Objective: Students will be able to perform algebraic operations to line segments.</p> <p>Lesson Overview: Create line segments with a straight edge, use a compass to duplicate Measurement tools Algebra for finding measurements Work in partners</p>	<p>Academic Standards:</p> <p>G.CO.12 Make geometric constructions. Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.).</p>
Thursday	Notes:	<p>Objective: Students will be able to calculate the distance between two points.</p> <p>Lesson Overview: Start with distance on a number line and absolute value. Move to distance in the coordinate plane. Given a distance, students will be able to find the coordinates of an endpoint.</p>	<p>Academic Standards:</p> <p>G.CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.</p>
Friday	Notes:	<p>Objective: Students will be able to locate points on the coordinate plane.</p> <p>Lesson Overview: Define and use formulas for distance, midpoints, and endpoints. Use homework problems at the end of the section as a partner in-class activity.</p>	<p>Academic Standards:</p> <p>G.CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.</p>