

Teacher / Team Name: Geometry Regular

Topic: Unit 1: Essentials of Geometry (REG)

Days: 12

Subject(s): Math

Grade(s): 9th, 10th, 11th, 12th

**Key Learning: Geometric figures and terms will be understood and used.**

**Unit Essential Question(s): How are geometric figures and terms used?**

<p><b>Concept:</b> <b>Points, Lines, and Planes</b></p>	<p><b>Concept:</b> <b>Linear Measure, Distance, and Midpoints</b></p>	<p><b>Concept:</b> <b>Angle Measures and Relationships</b></p>
<p><b>Lesson Essential Question(s):</b> <b>How do you name geometric figures? (A)</b></p> <p>What are the undefined terms and how are they important to geometry? (A)</p>	<p><b>Lesson Essential Question(s):</b> How do you measure the length of a segment? (A)</p> <p>What are the distance formula and midpoint formula, and how are they used? (A)</p>	<p><b>Lesson Essential Question(s):</b> How do you measure and classify angles? (A)</p> <p>How do you identify and use different types of angle pairs? (A)</p>
<p><b>Vocabulary:</b> Line, Point, Plane, Collinear, Coplanar, Intersection, Defined terms, Space, Undefined terms</p>	<p><b>Vocabulary:</b> Congruent segments, Line segment, Betweenness of points, Construction, Distance, Midpoint, Segment bisector, endpoints, postulates, axiom, coordinate</p>	<p><b>Vocabulary:</b> Ray, Opposite rays, Angle, Side, Vertex, Interior, Exterior, Right angle, Acute angle, Obtuse angle, Angle bisector, Adjacent angles, Linear pair, Vertical angles, Complementary, Supplementary, Perpendicular, straight angle, congruent angles, Polygon, Convex, Concave, N-gon, Equilateral, Equiangular, Regular</p>

**Additional Information:**  
Sections: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7

**Attached Document(s):**

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Vocab Report for Topic: Unit 1: Essentials of Geometry (REG)

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**Concept: Points, Lines, and Planes**

- Line -
- Point -
- Plane -
- Collinear -
- Coplanar -
- Intersection -
- Defined terms -
- Space -
- Undefined terms -

**Concept: Linear Measure, Distance, and Midpoints**

- Congruent segments -
- Line segment -
- Betweenness of points -
- Construction -
- Distance -
- Midpoint -
- Segment bisector -
- endpoints -
- postulates -
- axiom -
- coordinate -

**Concept: Angle Measures and Relationships**

- Ray -
- Opposite rays -
- Angle -
- Side -
- Vertex -
- Interior -
- Exterior -
- Right angle -
- Acute angle -
- Obtuse angle -
- Angle bisector -
- Adjacent angles -
- Linear pair -
- Vertical angles -
- Complementary -
- Supplementary -
- Perpendicular -
- straight angle -
- congruent angles -
- Polygon, Convex, Concave, N-gon, Equilateral, Equiangular, Regular -