**ARC Week at Glance**

**-Subject: Mathematics Course: Geometry Grade:**  **11 - 12 Date: 9/29/2025**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard(s):** (Reviewing Standards) G.PAR.2: Interpret the structure of and perform operations with polynomials within a geometric framework. G.PAR.2.3 Using algebraic reasoning, add, subtract, and multiply single variable polynomials. (New Standards) G.GSR.4.1- Use the undefined notions of point, line, line segment, plane, distance along a line segment, and distance around a circular arc to develop and use precise definitions and symbolic notations to prove theorems and solve geometric problems.  **Assessment(s):  Quiz  Unit Test  Project  Lab  None** | | | |
|  | **Learning Target**  **(I am learning about…)** | **Success Criteria**  **(I can….)** | **Lesson/Activities of the Day** | **Literacy Tasks/Focus** |
| **Monday** | I am learning how to identify the geometric components of a geometric figure.  I am learning how to calculate the Midpoint on a number line and in a coordinate plane. | * I can identify the geometric components of a geometric figure. * I can calculate the Midpoint on a number line and in a coordinate plane. | Students will complete Guided Notes on Unit 2 Key Vocabulary Terms.   * Point * Line * Plane * Line Segment * Ray * Angle   Students will practice identifying geometric figures and calculating Midpoint for a test. | Students will define and identify the following terms: point, line, plane, line segment, ray, and angle. Students will calculate the Midpoint. |
| **Tuesday** | I am learning how to identify the geometric components of a geometric figure.  I am learning how to calculate the Midpoint on a number line and in a coordinate plane. | * I can identify the geometric components of a geometric figure. * I can calculate the Midpoint on a number line and in a coordinate plane. | Students will complete a test identifying geometric figures and finding the Midpoint. | Students will define and identify the following terms: point, line, plane, line segment, ray, and angle. Students will calculate the Midpoint. |
| **Wednesday** | I am learning about Segment Addition Postulate. | * I can find the length of a segment using the Segment Addition Postulate. | Students will complete Guided Notes on the Introduction of the Segment Addition Postulate. | Students will find the length of a segment using the Segment Addition Postulate. |
| **Thursday** | I am learning about Segment Addition Postulate. | I can find the length of a segment using the Segment Addition Postulate. | Students will complete an activity using the Segment Addition Postulate | Students will find the length of a segment using the Segment Addition Postulate. |
| **Friday** | I am learning about Segment Addition Postulate. | I can find the length of a segment using the Segment Addition Postulate. | Students will complete an activity using the Segment Addition Postulate | Students will find the length of a segment using the Segment Addition Postulate. |

**\*** Exit Ticket/Final Stretch Check  Electronic Tools  Dry Erase Boards – quick checks  Turn & Talk Discussion (verbal responses)  Teacher Observation – document Clipboard

Quick Write/Draw  Annotation  Extended Writing  Socratic Seminar  Jigsaw  Thinking Maps  Worked Examples  Other :\_\_\_\_\_\_\_\_\_\_\_