**ARC Week at Glance**

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

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| **Standard(s):** (Reviewing Standards) G.PAR.2: Interpret the structure of and perform operations with polynomials within a geometricframework. 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):** [x]  **Quiz** [x]  **Unit Test** [ ]  **Project** [ ]  **Lab** [x]  **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 :\_\_\_\_\_\_\_\_\_\_\_