**ARC Week at Glance**

**-Subject: Mathematics Course: Geometry Grade:**  **9-12 Date: 10/6/2025**

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| **Standard(s): G.GSR.4: Establish facts between angle relations and generate valid arguments to defend established facts. Prove theorems and solve geometric problems involving lines and angles to model and explain real-life phenomena.**   * **G.GSR.4.2 Classify quadrilaterals in the coordinate plane by proving simple geometric theorems algebraically. 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 find the midpoint between two coordinates using the midpoint formula. | I can the midpoint between two coordinates using the midpoint formula. | Mini- Lesson: Students will complete the Midpoint Formula Guided Notes.  Apply: Students will practice apply the Midpoint Formula. | Students will use math terminology to simplify and multiply polynomials. |
| **Tuesday** | I am learning how to find the distance between two coordinates using the distance formula. | I can find the distance between two coordinates using the distance formula. | Mini-Lesson: Students will complete the Distance Formula Guided Notes.  Apply: Students will practice using the Distance Formula. | Students will use math terminology to simplify polynomials. |
| **Wednesday** | I am learning how to find the midpoint between two coordinates using the midpoint formula.  I am learning how to find the distance between two coordinates using the distance formula. | I can the midpoint between two coordinates using the midpoint formula.  I can find the distance between two coordinates using the distance formula. | Apply: Students will work in groups to complete the Distance and Midpoint Map Activity.   * Use the distance formula to find the distance between two coordinates. * Use the Midpoint Formula to find the midpoint between to given coordinates. | Students will use math terminology to simplify polynomials. |
| **Thursday** | I am learning how to find the midpoint between two coordinates using the midpoint formula.  I am learning how to find the distance between two coordinates using the distance formula. | I can the midpoint between two coordinates using the midpoint formula.  I can find the distance between two coordinates using the distance formula. | Students will complete LFH Assignment. | Students will use math terminology to simplify polynomials. |
| **Friday** | I am learning how to find the midpoint between two coordinates using the midpoint formula.  I am learning how to find the distance between two coordinates using the distance formula. | I can the midpoint between two coordinates using the midpoint formula.  I can find the distance between two coordinates using the distance formula. | Students will complete LFH Assignment. | Students will use math terminology to simplify polynomials. |

**\*** 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 :\_\_\_\_\_\_\_\_\_\_\_