**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):** [x]  **Quiz** [ ]  **Unit Test** [ ]  **Project** [ ]  **Lab** [ ]  **None**
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|  | **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.  |

**\***[x]  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 :\_\_\_\_\_\_\_\_\_\_\_