**ARC Week at Glance**

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

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| **Standard(s): G.MP: Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration, and expression. Seek help and apply feedback. Set and monitor goals.** * **G.MP.1 Make sense of problems and persevere in solving them.**
* **G.MP.3 Construct viable arguments and critique the reasoning of others.**
* **G.MP.4 Model with Mathematics**
* **G.MP.5 Use appropriate tools strategically.**
* **G.MP.6 Attend to precision.**

**G.GSR.4: Establish facts between angle relations and generate valid arguments to defend facts established. Prove theorems and solve geometric problems involving lines and angles to model and explain real-life phenomena.*** **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.**
* **G.GSR.4.4 Prove and apply theorems about lines and angles to solve problems.**

**Assessment(s):** [x]  **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 read, write, use, and interpret symbolic notation for point, line, plane, line segment, angle, circle, arc, perpendicular line, and parallel line.I am learning how to solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | I can read, write, use, and interpret symbolic notation for point, line, plane, line segment, angle, circle, arc, perpendicular line, and parallel line.I can solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | TITD – Progress Learning Video (Lines, Planes, and Points)Apply Activity: Students will continue practicing segment addition postulate and angle addition postulate. * Line Segment Postulate Maze
* Line and Angle Postulate Coloring Sheet
 |  Students will use math terminology to identify angles and solve based on the relationship of angles.  |
| **Tuesday** | I am learning how to read, write, use, and interpret symbolic notation for point, line, plane, line segment, angle, circle, arc, perpendicular line, and parallel line.I am learning how to solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | I can read, write, use, and interpret symbolic notation for point, line, plane, line segment, angle, circle, arc, perpendicular line, and parallel line.I can solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | Opening: Delta Math – Angle Postulate ReviewMini- Lesson: Getting Familiar with Angle Vocabulary Guided Notes | Students will use math terminology to identify undefined and defined terms of geometry.  |
| **Wednesday** | I am learning how to solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | I can solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | Apply: Delta Math- Identify Angle Practice.  |  Students will use math terminology to identify angles and solve based on the relationship of angles.  |
| **Thursday** | I am learning how to solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | I can solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | TITD: Line Segment Addition ReviewMini-Lesson: Quiz covering Line Segment Addition, Angle Addition, and Identifying Angles. | Students will use math terminology to identify angles and solve based on the relationship of angles.  |
| **Friday** | I am learning how to solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | I can solve problems involving supplementary, complementary, perpendicular and vertical angles (include linear pairs, angle addition postulate, and angle bisector.) | Mini-Lesson- Guided Notes on Midpoint and Distance Formula.  |  Students will use math terminology to identify angles and solve based on the relationship of angles.  |

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