**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):  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 Review  Mini- 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 Review  Mini-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. |

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