**ARC Week at Glance**

**Subject: Math Course: Geometry Grade: 9th – 12th Dates: 12/2 to 12/6**

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| **Standard(s):**  **G.GSR.4.1 G.GSR.4.3 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. Make formal geometric constructions with a variety of tools and methods.**  **G.GSR.4.2 G.GSR.4.4 G.GSR.4.5 Classify quadrilaterals in the coordinate plane by proving simple geometric theorems algebraically. Prove and apply theorems about lines and angles to solve problems. Use geometric reasoning to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles.**  **Assessment(s):  Quiz  Unit Test  Project  Lab  MAP Test** | | | | | | |
|  | **Learning Target**  **(I am learning about…)** | **Criteria for Success**  **(I can…)** | **Opening**  *(10 - 15 Mins)* | **Work-Session**  *(20 - 25 mins)* | **Closing**  *(5 - 10 mins)* | **Literacy Tasks/Focus** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* | | |
| **Monday** | I am learning about parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | I can draw and identify parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | Mini Lesson- I do | We do, You do Practice of  Shapes | Summary | Where do these exist in Real world? |
| **Tuesday** | I am learning about parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | I can draw and identify parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | Review of Expectations and concepts | Independent Practice with Shapes content | TITD | Explain geometric concepts applied to real world situation. |
| **Wednesday** | I am learning about parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | I can draw and identify parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | Review of Expectations and concepts | Formative Assessment: Shapes Practice | Summary | Where do these exist in Real world? |
| **Thursday** | I am learning about parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | I can draw and identify parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | Review of Concepts | Project | Summary | Explain geometric concepts applied to real world situation. |
| **Friday** | I am learning about parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | I can draw and identify parallel lines, transversals, perpendicular lines, shapes, and angle relationships. | Review of Concepts | Project | Summary | Explain geometric concepts applied to real world situation. |

**\*** 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 : \_Guided Notes\_\_\_\_\_\_