**ARC Week at Glance**

**-Subject: Mathematics Course: Geometry Grade:**  **9-12 Date: 8/4/2025**

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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.PAR.2 Interpret the structure of and perform operations with polynomials within a geometric framework.** * **G.PAR.2.1 Interpret polynomial expressions of varying degrees that represent a quantity in terms of its given geometric framework.**

**Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [ ]  **Project** [ ]  **Lab** [x]  **None** |
|  | **Learning Target****(I am learning about…)** | **Success Criteria****(I can….)** | **Lesson/Activities of the Day** | **Literacy Tasks/Focus** |
| **Monday** |  |  | Pre-Planning | . |
| **Tuesday** | I am learning how to describe polynomial expressions by using the terms coefficient, variable and constant term. I am learning how to classify polynomial expressions by number of terms and degree.  | I can describe polynomial expressions by using the terms coefficient, variable and constant term. I can classify polynomial expressions by number of terms and degree. | Mini-Lesson: Introduction to Classroom expectation and course syllabus. | Students will use math terminology to describe and classify polynomials. |
| **Wednesday** | I am learning how to describe polynomial expressions by using the terms coefficient, variable and constant term. I am learning how to classify polynomial expressions by number of terms and degree.  | I can describe polynomial expressions by using the terms coefficient, variable and constant term. I can classify polynomial expressions by number of terms and degree. | Opening: Which One Doesn’t Belong Mini-Lesson: Students will complete Intro to Polynomials Guided Notes | Students will use math terminology to describe and classify polynomials.  |
| **Thursday** | I am learning how to describe polynomial expressions by using the terms coefficient, variable and constant term. I am learning how to classify polynomial expressions by number of terms and degree.  | I can describe polynomial expressions by using the terms coefficient, variable and constant term. I can classify polynomial expressions by number of terms and degree. | Bell Work- Describing and Classifying Polynomials Diagnostic AssessmentMini-Lesson: Writing polynomials in standard form and combining like terms Guided Notes. | Students will use math terminology to describe and classify polynomials.  |
| **Friday** | I am learning how to describe polynomial expressions by using the terms coefficient, variable and constant term. I am learning how to classify polynomial expressions by number of terms and degree.  | I can describe polynomial expressions by using the terms coefficient, variable and constant term. I can classify polynomial expressions by number of terms and degree. | Engage Activity: Classifying Polynomials Desmos Activity (Whole-Group)Apply Activity: Students will work in pairs to create the Highest Degree Polynomial. (Manipulatives: Number Cards)TOTD: Describing and Classifying Polynomials Reflection | Students will use math terminology to describe and classify 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 :\_\_\_\_\_\_\_\_\_\_\_