**ARC Week at Glance**

**-Subject: Mathematics Course: Algebra: Concepts & Connections Grade:** **9th – 12th Date: 12/2/2024**

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| **Standard(s):** A.NR.5 Investigate rational and irrational numbers and rewrite expressions involving square roots and cube roots.  A.NR.5.1 Rewrite algebraic and numeric expressions involving radicals  **Assessment(s): ☒ Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None** | | | |
|  | **Learning Target**  **(I am learning about…)** | **Success Criteria**  **(I can….)** | **Lesson/Activities of the Day** | **Assignments/Formative Assessment** |
| **Monday** | I am learning how to simplify radical expressions  I am learning to add and subtract radical expressions | I can simplify radical expressions  I can add and subtract radical expressions | Simplifying Radical Expressions:  Teacher will discuss/review with the students how to simplify radical expressions.  Teacher will discuss details that will help students simplify radical expressions.  Teacher will provide guided practice problems highlighting key details in simplifying radical expressions  Students will then transition into their guided practice sheet over simplifying radical expressions  Teacher will hold small group and 1 on 1 time to help students in need | Simplifying Radical Expressions Practice Sheet |
| **Tuesday** | I am learning how to simplify radical expressions  I am learning to add and subtract radical expressions | I can simplify radical expressions  I can add and subtract radical expressions | Simplifying Radical Expressions:  Teacher will discuss/review with the students how to simplify radical expressions.  Teacher will discuss details that will help students simplify radical expressions.  Teacher will provide guided practice problems highlighting key details in simplifying radical expressions  Students will then transition into their guided practice sheet over simplifying radical expressions  Teacher will hold small group and 1 on 1 time to help students in need | Simplifying Radical Expressions Practice Sheet |
| **Wednesday** | I am learning how to simplify radical expressions  I am learning to add and subtract radical expressions | I can simplify radical expressions  I can add and subtract radical expressions | Quick Quiz over Simplifying Radical Expressions  Adding and Subtracting Basic Radical Expressions:  Teacher will review and provide guided practice problems for adding and subtracting radical expressions  Students will then practice adding and subtracting radical expressions  Teacher will hold small group and 1 on 1 time to help students in need | Adding and Subtracting Radical Expressions Worksheet |
| **Thursday** | I am learning how to simplify radical expressions  I am learning to add and subtract radical expressions | I can simplify radical expressions  I can add and subtract radical expressions | Adding and Subtracting Basic Radical Expressions  Teacher will provide guided practice problems for adding and subtracting radical expressions  Students will then practice adding and subtracting radical expressions  Teacher will hold small group and 1 on 1 time to help students in need | Adding and Subtracting Radical Expressions Worksheet |
| **Friday** | I am learning how to simplify radical expressions  I am learning to add and subtract radical expressions | I can simplify radical expressions  I can add and subtract radical expressions | Formative over adding and subtracting radical expressions | Formative over adding and subtracting radical expressions |

**\***☐ 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