**ARC Week at Glance**

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

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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 | Adding and Subtracting Radical Expressions:  Teacher will guide students practice problems dealing with Adding and Subtracting Radical Expressions.  Teacher will discuss the proper procedures when dealing with problems that deals with Adding and Subtracting Radical Expressions  Teacher will provide guided practice problems to aid further understanding.  Teacher will use cold-call technique to ask different questions and allow students to work out problems on the promethean board.  Students will use guided practice problems as study guide for formative assessment.  Teacher will provide 1 on 1 and small group for students that need extra help. | Adding and Subtracting Radical Expressions Study Guide |
| **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 | Adding and Subtracting Radical Expressions (Review):  Teacher will guide students practice problems dealing with Adding and Subtracting Radical Expressions.  Teacher will discuss the proper procedures when dealing with problems that deals with Adding and Subtracting Radical Expressions  Teacher will provide guided practice problems to aid further understanding.  Teacher will use cold-call technique to ask different questions and allow students to work out problems on the promethean board.  Students will use guided practice problems as study guide for formative assessment.  Teacher will provide 1 on 1 and small group for students that need extra help.  Students will work on their Formative over Adding and Subtracting Radical Expressions | Adding and Subtracting Radical Expressions Study Guide  Formative over Adding and Subtracting Radical Expressions |
| **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 | Students will conduct MAP Testing  Teacher will give out study guide for 1st Semester Exam | MAP Testing  1st Semester Study Gide |
| **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 | Students will conduct MAP Testing  Teacher will give out study guide for 1st Semester Exam | MAP Testing  1st Semester Study Gide |
| **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 | Students will conduct MAP Testing  Teacher will give out study guide for 1st Semester Exam | MAP Testing  1st Semester Study Gide |

**\***☐ 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