**ARC Week at Glance**

**Subject: Math Course: Advanced Algebra Concepts & Connections Grade: 9th – 12th Dates: 4/28 to 5/2**

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| **Standard(s):** AA.GSR.7 Develop an introductory understanding of the unit circle; solve trigonometric equations using the unit circle. AA.GSR.7.1 Define the three basic trigonometric ratios in terms of x, y, and r using the unit circle centered at the origin of the coordinate plane.AA.MM.1.4 Use various mathematical representations and structures to represent and solve real-life problems.**Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [ ]  **Project** [ ]  **Lab** [ ]  |
|  | **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** | No First Period today due to EOC Testing |  |  |  |  |  |
| **Tuesday** | I am learning about trig functions and the unit circle. | All Unit 6 (Review) | CheckUnit 6 Practice Part a’s |  Unit 6 Practice Part b’s\*Formative | Exemplars, do not’s, self-assessments | What do you know? What do you need to now? |
| **Wednesday** | I am learning about trig functions and the unit circle. | All Unit 6 (Assessment) | Quick Study | Unit 6 Test\*Summative |  |  |
| **Thursday** | I am learning about performing operations with rational expressions. | I can simplify rational expressions. | Simplify the following 1.  2.  3.  4.  5.  6.  | Teacher models examples with Simplifying Rational Expressions from RCK Flexbook page 303 | Groups complete Algebra with Pizzazz page 107 | Explain how you reduced/simplifies each expression in the opener. |
| **Friday** | I am learning about performing operations with rational expressions. | I can simplify rational expressions. | Let partners pick one problem to do and share from Rational Expressions Worksheet #2 | Model examples and guided practice with #’s 1 – 10 on Practice 9.4 A (McDougal Littell Practice Workbook | #’s 1 – 7 on Practice 9.4 B from McDougal Littell Practice Workbook | At what point can you be confident an expression is in simplest form? |

**\***[ ]  Exit Ticket/Final Stretch Check [x]  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 [x]  Worked Examples [ ]  Other : \_\_\_\_\_\_\_\_\_\_\_