**ARC Week at Glance**

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

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| **Standard(s):**  AA.FGR.8.1 Rewrite simple rational expressions in equivalent forms.  AA.FGR.8.2 Add, subtract, multiply and divide rational expressions, including problems in context and express rational expressions in irreducible form.  **Assessment(s):  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** | 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? |
| **Tuesday** | I am learning about performing operations with rational functions. | I can multiply and divide rational expressions and express answers in simplest form. | #’s 12 – 15 on McDougal Littell Practice 9.4B | Practice & Review on Multiplying and Dividing Rational Expressions  **\*Formative** | Self-Evaluation, reflection | What do you know? What do you need to know? |
| **Wednesday** | I am learning about performing operations with rational functions. | I can multiply and divide rational expressions and express answers in simplest form. | Quick Study | Quiz on  Multiplying and Dividing Rational Expressions  \*Summative |  |  |
| **Thursday** | I am learning how to solve rational equations. | I can solve rational equations with the cross-multiplication method. | Solve and explain process  1.  2. | Model examples and guided practice on RCSS Flexbook Lesson 3.22 Page 1 | Independent or pair practice with  RCSS Flexbook Lesson 3.22 Page 2 | Explain process used with opener |
| **Friday** | I am learning how to solve rational equations. | I can solve rational equations with the LCD method. | Solve and explain process  1.  2. | Model examples and Guided Practice on RCSS Flexbook Lesson 3.23 Page 1 | Independent or pair practice with  RCSS Flexbook Lesson 3.23 Page 2 | Explain process used with opener |

**\*** 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 : \_\_\_\_\_\_\_\_\_\_\_