**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):** [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** | 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 onMultiplying 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 withRCSS 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 withRCSS Flexbook Lesson 3.23 Page 2 | Explain process used with opener |

**\***[ ]  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 : \_\_\_\_\_\_\_\_\_\_\_