**ARC Week at Glance**

**Subject: Math Course: Advanced Algebra Concepts & Connections Grade: 9th – 12th Dates: 5/12 to 5/16**

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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.  AA.FGR.8.4 Solve simple rational equations in one variable and give examples showing how extraneous solutions may arise.  **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 how to solve rational equations. | I can solve rational equations with the LCD method. | #’s 1 – 4 on Practice & Review Solving Rational Equations | #’s 5 – 8 on Practice & Review Solving Rational Equations | #’s 9 –10 on Practice & Review Solving Rational Equations  **\*Formative** | Are any solutions you found extraneous? How do you know? |
| **Tuesday** | I am learning how to solve rational equations. | I can solve rational equations with the LCD method. |  | Quiz on Solving Rational Equations  **\*Summative** |  |  |
| **Wednesday** | Unit 4 Polynomials Exam Prep & Review |  | Simplify Radical expressions and imaginary unit i raised to powers | #’s 1 – 12 on Second Semester Practice & Review Document | Check Work  Q&A | What do you know? What do you need to know? |
| **Thursday** | Unit 5 Matrices  Exam Prep & Review |  | #’s 13 – 16 using TI-84’s | #’s 17 – 19  on Second Semester Practice & Review Document | #’s 20 – 22  on Second Semester Practice & Review Document | What do you know? What do you need to know? |
| **Friday** | Units 6 Trigonometry and Unit 7 Rational Exam Prep & Review |  | #’s 23 – 28  on Second Semester Practice & Review Document | #’s 29 – 33  on Second Semester Practice & Review Document | STUDY!  Exam Monday! |  |

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