**ARC Week at Glance**

**Subject: Math Course: Advanced Algebra Concepts & Connections Grade: 9th – 12th Dates: 12/9 to 12/13**

|  |
| --- |
| **Standard(s):** AA.FGR.4.3 Analyze and graph radical functions. **Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [ ]  **Project** [x] **EXAM PREP** |
|  | **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 how to graph radical functions. | I can graph square and cube root functions. | Describe the transformations on  | Complete Practice on Graphing Square and Cube Root Functions | State the domain and range of each function. | Why are there restrictions on the domain of square root functions? Why aren’t there restrictions on graphs of cube root functions? |
| **Tuesday** | I am learning about how to graph radical functions. | I can graph square and cube root functions. | Describe the transformations on  | Quiz on Graphing Square and Cube Root Functions | Began Exam Prep and Review – complete at least #’s 1 – 14 by tomorrow! | Why are there restrictions on the domain of square root functions? Why aren’t there restrictions on graphs of cube root functions? |
| **Wednesday** | Review Unit 1 Descriptive and Inferential Statistics | 80% or higher mastery on #’s 1 – 14 of the Exam Prep Formative Assessment  | Check#’s 1 – 14 | Modeling, guidance, Q&A and exemplars with #’s 1 – 14  | Self-Reflection then begin #’s 15 – 21 and finish for homework! | What do you know? What do you need to study and practice more? |
| **Thursday** | Review Unit 2Exponential and Logarithmic Equations | 80% or higher masteryon #’s 15 – 21 Exam Prep Formative Assessment | Check#’s 15 – 21  | Modeling, guidance, Q&A and exemplars with #’s 15 – 21 | Self-Reflection then begin #’s 22 – 25 and finish for homework! | What do you know? What do you need to study and practice more? |
| **Friday** | Review Unit 3 Radical Functions | 80% or higher masteryon #’s 22 – 25 Exam Prep Formative Assessment | Check#’s 22 – 25  | Modeling, guidance, Q&A and exemplars with #’s 15 – 21 | Self-Reflectionthen STUDY! Exam is Monday! Summative | What do you know? What do you need to study and practice more? |

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