**ARC Week at Glance**

**Subject: Math Course: Advanced Algebra Concepts & Connections Grade: 9th – 12th Dates: 11/12 to 11/15**

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| **Standard(s):** AA.FGR.3.3 Use the definition of a logarithm, logarithmic properties, and the inverse relationship between exponential and logarithmic functions to solve problems in context. AA.FGR.3.2 Analyze, graph, and compare exponential and logarithmic functions**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** | Holiday |  |  |  |  |  |
| **Tuesday** | I can graph logarithmic functions. | I can identify the domain, range, asymptote and x-intercept in my graphs of log functions. | GraphFold along y=xTrace on Patty PaperOpenYou now see the graph of  | Complete Intro to Graphing Log Functions | Return Graded Quizfrom Wednesday, correct, recovery ops if needed | Why does the opener work? |
| **Wednesday** | I can graph logarithmic functions. | I can identify the domain, range, asymptote and x-intercept in my graphs of log functions. | Graph | Complete More Graphing Log Functions | Worksheet 15.2 | Describe transformations in graphing problems. |
| **Thursday** | I can graph logarithmic functions. | I can identify the domain, range, asymptote and x-intercept in my graphs of log functions. | Check Worksheet 15.2 | Complete Practice & Review Graphing Log Functions\*Formative | Check, self-evaluate, Q&AQuiz tomorrow! | What do you know? What do you need to know? |
| **Friday** | I can graph logarithmic functions. | I can identify the domain, range, asymptote and x-intercept in my graphs of log functions. | Study, Q&A | Quiz on Graphing Log Functions\*Summative |  | Describe transformations. |

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