

ARC Week at Glance

Subject: Math **Course: Advanced Algebra Concepts & Connections** **Grade: 9th – 12th** **Dates: 11/18 to 11/22**

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.3.4 Create exponential equations and use logarithms to solve contextual problems for which only one variable is unknown.

AA.FGR.3.5 Create and interpret logarithmic equations in one variable and use them to solve problems.

AA.FGR.3.2 Analyze, graph, and compare exponential and logarithmic functions

AA.FGR.4.1 Rewrite radical expressions as expressions with rational exponents. Extend the properties of integer exponents to rational exponents.

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| Thursday | I am learning about rational exponents. | I can express expression with rational exponents in radical form and evaluate them. | Part I on Introducing Rational Exponents | Parts II and III on Introducing Rational Exponents | Formative check on evaluating expressions with rational exponents. | What do you know? What do you need to know? |
| Friday | I am learning about rational exponents. | I can express expression with rational exponents in radical form and evaluate them. | Quick Study | Quick Quiz on Rational Exponents *Summative | Unit 2 Recovery opportunity | Complete self-evaluation for Recovery Opportunity |

* 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 : _____