

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): <input checked="" type="checkbox"/> Quiz <input type="checkbox"/> Unit Test <input type="checkbox"/> Project <input checked="" type="checkbox"/> 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 $f(x)$ $f(x+c)$ $f(x-c)$ $f(x)+c$ $f(x)-c$ $-f(x)$	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 $f(x)$ $f(x+c)$ $f(x-c)$ $f(x)+c$ $f(x)-c$ $-f(x)$	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 2 Exponential and Logarithmic Equations	80% or higher mastery on #'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 mastery on #'s 22 – 25 Exam Prep Formative Assessment	Check #'s 22 – 25	Modeling, guidance, Q&A and exemplars with #'s 15 – 21	Self-Reflection then STUDY! Exam is Monday! Summative	What do you know? What do you need to study and practice more?
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* ☐ 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 : _____