

ARC Week at Glance

Subject: Math

Course: Advanced Algebra Concepts & Connections

Grade: 10th – 12th

Dates: 9/16 to 9/20

Standard(s): AA.DSR.2.7: Given a margin of error, develop and compare confidence intervals of different models to make conclusions about reliability. AA.MM.1.1: Explain applicable, mathematical problems using a mathematical model. AA.MM.1.3: Using abstract and quantitative reasoning, make decisions about information and data from a mathematically applicable situation. AA.MM.1.4: Use various mathematical representations and structures to represent and solve real-life problems.						
Assessment(s): <input checked="" type="checkbox"/> Quiz <input type="checkbox"/> Unit Test <input type="checkbox"/> Project <input type="checkbox"/> Lab <input type="checkbox"/> None						
	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
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>			
Monday	I am learning about confidence intervals	I can construct and interpret confidence intervals to capture true proportions and means.	View and discuss Handout on Common Critical Values and Formulas-	Guided Practice on Confidence Intervals	Independent Practice Problems on Confidence Intervals *Formative	Do these critical values mesh with the Empirical Rule? Why or why not?
Tuesday	I am learning about collecting and describing data.	All Unit 1 Standards and Criteria (Review)	#’s 1 – 6 on Unit 1 Practice & Review for Unit 1	#’s 7 – 15 on Unit 1 Practice & Review for Unit 1 *Formative	Check #’s 7 – 15 on Unit 1 Practice & Review for Unit 1 View exemplars and do not’s	Unit 1 Vocabulary Review
Wednesday	I am learning about collecting and describing data.	All Unit 1 Standards and Criteria (Review)	#’s 16 – 21 on Unit 1 Practice & Review for Unit 1	#’s 22 – 25 on Unit 1 Practice & Review for Unit 1 *Formative	Check #’s 7 – 15 on Unit 1 Practice & Review for Unit 1 View exemplars and do not’s	What’s the Empirical Rule? How do I calculate a z-score and what’s its meaning? How about the Margin of Error?
Thursday	I am learning about collecting and describing data.	All Unit 1 Standards and Criteria (Assessment)	Quick Study	Unit 1 Test for Unit 1 *Summative		Unit 1 Vocabulary

Friday	I am learning about collecting and describing data.	All Unit 1 Standards and Criteria (Assessment)		Let's Build a Survey Project		
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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 : _____