

## ARC Week at Glance

**Subject: Math**

**Course: Advanced Algebra Concepts & Connections**

**Grade: 10<sup>th</sup> – 12<sup>th</sup>**

**Dates: 8/26 to 8/30**

<b>Standard(s):</b> AA.DSR.2.4 Calculate and interpret z-scores as a measure of relative standing and as a method of standardizing units. AA.DSR.2.5 Given a normally distributed population, estimate percentages using the Empirical Rule, z-scores, and technology. <b>Assessment(s):</b> <input checked="" type="checkbox"/> Quiz <input type="checkbox"/> Unit Test <input type="checkbox"/> Project <input type="checkbox"/> Lab <input type="checkbox"/> None						
	<b>Learning Target</b> (I am learning about...)	<b>Criteria for Success</b> (I can...)	<b>Opening</b> (10 - 15 Mins)	<b>Work-Session</b> (20 - 25 mins)	<b>Closing</b> (5 - 10 mins)	<b>Literacy</b> <b>Tasks/Focus</b>
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>			
<b>Monday</b>	I am learning how to interpret areas under a normal curve.	I can apply the Empirical rule to applications.	<b>Quick Quiz</b> on the Empirical Rule	Part II (#'s 13 – 25) on Applications with the Empirical Rule and Normal Distribution <b>*Formative</b>	Study! Quiz on Applications with the Empirical Rule and Normal Distribution tomorrow!	T&T: How do you label a standard Normal curve when given real-world data or statistics?
<b>Tuesday</b>	I am learning about how to use the Empirical Rule to solve problems.	I can apply the Empirical rule to applications.	<b>Quick Quiz (Retest, if wanted)</b> on the Empirical Rule	Quiz on Applications with the Empirical Rule and Normal Distribution <b>*Summative</b>		Justify responses & explain processes in application problems
<b>Wednes day</b>	<b>MAP Testing</b>					
<b>Thurs day</b>	<b>Map Testing</b>					
<b>Friday</b>	I am learning about Normal distributions and z-scores	I can calculate z-scores and use them to make comparisons	Return Quiz (graded) on Applications with the Empirical Rule and Normal Distribution. Share exemplars and do nots	#'s 1 - 3 on the "Let's Be Normal?" Task	Go over the Asynchronous Learning Day 9/3 expectations and requirements- Canvas Quiz	T&T: What do horizontal shifts do to the measures of center and spread of Normal curves? How about vertical stretches?

\* 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 : \_\_\_\_\_