Period	Name		OK by
Alg 2 Unit 3 STUDY GUIDE RUBRIC			
Grade Each Topic out of 4			
4- MASTERY Includes All Vocab and Visuals addressed in the topic, An Example, An ORIGINAL example (solved), and a clear understanding of the main idea. It can teach someone else how to do it all			
3- PROFICIENCT Includes Most Vocab and Visuals for the topic, an example or an original example clearly and correctly solved. Expresses some understanding of the main idea			
2- BASIC- Includes vocab or visual. Includes example. Shows a basic understanding of the main idea of the topic			
1- BELOW BASIC- Work demonstrated but shows little clarity or understanding of the topic			
Act 14	Whar is a radian? How do you measure around the unit circle in degrees and radians? How do you convert between the two?	/4	
Act 14	How do you calculate arc length, angular velocity and linear velocity?	/4	
Act 14	What is the concept of a reference triangle and how does basic trig (Pythagorean theorem and SohCahToa apply?	/4	
Act 15-1	What are the special right triangle ratios?	/4	
Act 15-2 and 15-3	What is a periodic function? What does a sign graph look like? What are amplitude, period and phase shift?	/4	
Act 16-1	Draw and memorize the Unit Circle in degrees and radians and know the values for sine, cosine and tangent for special angles	/4	
Act 16-2	Know the rations of the reciprocal trig functions	/4	
Act 17	How do you graph transformations of the sine function in the form y=AsinB[x-C]+D and y=AcosB[x-C]+D?	/4	
Act 18	What do the graphs of csc, sec, tan and cot and their transformations look like?	/4	
Act 19	What do the graphs of inverse sine, inverse cosine and inverse tangent look like?	/4	
Act 20-1	Present a real life example of a trig equation	/4	
Act 20-2	How do you use reference triangles to solve simple trig equations?	/4	
	Subtotal	/48	
	Adjusted Total = Total /48*40	/40	