Assessment Chart				Algebra 2
Unit 1 **Functions**				
Content Objectives:	**Required Activities**			
	Formative Assessment			**Summative Assessment**
	Knowledge/ Understanding Level Activities	**Application Level Activities**	**Higher order/Hands-on Activities**	
Co 1-Co 4: Grade Uploaded Date Aug 18				
Co1: Combining functions	Complete practices on KhanAcademy.	Post your answers for discussion questions on your website.	**Student Video**: Explain how functions are shifted and stretched. Please include every kind of stretch and shift in your handout.	**Quiz 1** B-Aug 16 A-Aug 17
Co2: Composing functions				
Co3: Shifting functions				
Co4: Stretching functions				

Algebra 2- Quiz 1	
15 questions for 40 minutes	
Topics included	Pr 1.1 Evaluate composite functions Pr 1.2 Evaluate composite functions: graphs & tables Pr 1.3 Find composite functions Pr 1.4 Shift functions Pr.1.5 Transforming functions

Inspired by Mrs. Crystal Kirch, WSQ Chart at flippingwithkirch.blogsppt.com, Mr. Jon Bergmann and Aaron Sam at http://www.jonbergmann.com/

Discussion Questions
When you do your website post, please use "**Unit 1 CO x Discussion, Author**" as the title of your post.
Discussion Questions: Co 1: 1.1 How do you feel about $2x^5 + 3x^5 = 5x^{10}$? 1.2 What does (f$-g$) (x) equal to? 1.3 How do we feel about $3x^2 \cdot 2x^3 = 6x^6$? 1.4 Please write down your work for $(4n^3 + 24n^2 + 12n - 39) \div (n + 5)$ (Take a picture and post your work on your website.) Co 2: 2.1 What is function composition? (Less than 50 words) 2.2 What does (h∘g)(4) mean? 2.3 How do we evaluate composite functions using the table? 2.4 How do we evaluate functions using graphs? 2.5 Please break down the process of finding composite functions. Co 3: 3.1 Please organize a table explaining the effects of shifting functions 3.2 Please give an example of how to graph shifting functions Co 4: 4.1 Please organize a table showing how functions can be reflected. 4.2 Explain the effect of compressing functions 4.3 Please give me an example of compressing and reflecting functions.

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