

Mr. Kovacs – Lesson Plans – October 30th – November 3rd

	<u>Algebra 2 – 1st, 6th Hour</u>	<u>Algebra 1 (EL) – 2nd Hour</u>	<u>Precalculus – 3rd, 4th Hour</u>
Mon. 10/30	Groups – Systems Word Problems Review Matrices and Determinants	<u>Section 2-6: Solving Proportions</u> Assignment #13: Pg. 113-114; 1, 4, 7, 13, 19, 23, 27, 37, 38, 39	<u>Section 6-5: More Trigonometric Graphs</u> Graph Tangent, Cotangent, Secant, Cosecant
Tue. 10/31	<u>REVIEW</u> MATRICES AND DETERMINANTS	<u>An Introduction to Relations and Functions</u> Notebook Pages 11, 12	<u>AM / FM Radio – Frequencies</u> (Phase Shift and Vertical Translations)
Wed. 11/1	<u>TEST</u> MATRICES AND DETERMINANTS	<u>An Introduction to Relations and Functions</u> Height vs. Wingspan Plot	<u>Section 6-6: Phase Shift; Sinusoidal Curve Fitting</u> Assignment #11: Constructing a Model
Thu. 11/2	<u>Introduction to Quadratic Functions</u> Application Lesson Opener – Maximizing Profit	<u>Chapter 3 – Relations and Functions</u> <u>Section 3-1: Representing Relations</u> Exploration / Examples	<u>Questions /</u> Work on Assignment #11
Fri. 11/3	<u>Chapter 3 – Quadratic Functions</u> <u>Section 3-1: Graphing Quadratic Functions</u> Assignment #13: Graphing Worksheet	<u>Section 3-1: Representing Relations</u> Assignment #14: Guided Practice Packet	<u>Inverse Function Activity –</u> Plotting Inverses
	Power Standard Use the structure of an expression to identify ways to rewrite it. (A.SSE.A.2)	Power Standard Solve linear equations in one variable. (A.REI.B.3)	Power Standard Extend the domain of trigonometric functions using the unit circle. (F.TF)
	Learning Targets Graph Quadratic Functions.	Learning Targets Write and use ratios, rates, and unit rates. Write and solve proportions.	Learning Targets Graph the sine and cosine functions and transformations of these functions.