Mr. Kovacs – Lesson Plans – April 15th – 19th

	Algebra 2 – 1st, 6th Hour	Algebra 1 (EL) – 2nd Hour	Precalculus – 3rd, 4th Hour
Mon. 4/15	Section 7-2: Solving Exponential Equations **Assignment #15:** Growth Worksheet	**QUIZ 7-1 to 7-3** **Systems of Equations** The Penny Problem / The Paper Fold Exploring Properties of Exponents	Section 5-2: One-to-One Functions; Inverse Functions **Assignment #13:** Inverse Functions WS
Tue. 4/16		**NO SCHOOL**	
Wed. 4/17	Section 7-2: Solving Exponential Equations Exponential Growth and Decay Review	Chapter 8 – Exponents and Roots Section 8-1: Multiplication Properties of Exponents **Assignment #14:** Practice Worksheet 8-1	Section 5-3: Exponential Functions Application Lesson Opener – The Number *e*
Thu. 4/18	7-3: Special Exponential Functions Application Lesson Opener – The Number *e* **QUIZ – Exponential Growth/Decay**	Section 8-2: Division Properties of Exponents Notebook Page / Questions Assignment #14	Application – **Assignment #14:** Compound Interest with Credit Cards
Fri. 4/19	7-3: Special Exponential Functions **Assignment #16:** Practice Worksheet 7-3	Section 8-2: Division Properties of Exponents Blooket! Properties of Exponents	Credit Card Interest: Effect of Making Different Payments
	Power Standard Define appropriate quantities for the purpose of descriptive modeling. (N.Q.A.2)	**Power Standard** Use the properties of exponents to transform expressions for exponential functions. (A.SSE.B.3.c)	**Power Standard** Analyze functions using different representations. (F.IF)
	Learning Targets. Write and evaluate exponential growth functions. Apply compound interest formula to calculate various amounts.	**Learning Targets** Apply multiplication properties of exponents to expressions. Apply division properties of exponents to expressions.	**Learning Targets** Perform function operations including compositions. Verify that two functions are inverses by using their compositions.