

Mr. Kovacs – Lesson Plans – October 23rd – 27th

| | <u>Algebra 2 – 1st, 6th Hour</u> | <u>Algebra 1 (EL) – 2nd Hour</u> | <u>Precalculus – 3rd, 4th Hour</u> |
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| Mon. 10/23 | <u>Section 4-5: Solving Systems Using Inverse Matrices</u> Copy Guided Notes – Schoology | <u>REVIEW CHAPTER 2</u> Chapter 2 Review Guide | <u>Modeling with Sine and Cosine</u> Graphs of Sine and Cosine Worksheet |
| Tue. 10/24 | <u>Section 4-5: Solving Systems Using Inverse Matrices</u> <u>Assignment #12:</u> Practice Worksheet 4-5 | <u>REVIEW CHAPTER 2</u> Check Review Guide | <u>Student Workday –</u> Check Assignment #10 / Graphs of Sine and Cosine Worksheet |
| Wed. 10/25 | <u>Questions /</u> Check Assignment #12 Groups – Systems Word Problems | <u>TEST</u> CHAPTER 2 | Exploring Sound Waves – Video / Sound Waves – Interactive <u>Sine and Cosine Graphs</u> Gallery Walk |
| Thu. 10/26 | <u>Halloween Plotting:</u> Graph-O-Lantern | <u>NO CLASS</u> 1/2 Day – Hours 4, 5, 6 | <u>Halloween Plotting:</u> Graph-O-Lantern |
| Fri. 10/27 | <u>REVIEW</u> MATRICES AND DETERMINANTS (TEST MONDAY) | <u>Exploring Ratios and Proportions</u> Starburst Activity | <u>Section 6-5: More Trigonometric Graphs</u> Graph Tangent, Cotangent, Secant, Cosecant |
| | <u>Power Standard</u> Find the inverse of a matrix if it exists and use it to solve systems of linear equations. (A.REI.C.9) | <u>Power Standard</u> Solve linear equations in one variable. (A.REI.B.3) | <u>Power Standard</u> Extend the domain of trigonometric functions using the unit circle. (F.TF) |
| | <u>Learning Targets</u> Solve systems of linear equations using inverse matrices. | <u>Learning Targets</u> Solve equations with variables on both sides. Solve a formula for a given variable. | <u>Learning Targets</u> Graph the sine and cosine functions and transformations of these functions. |