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| **Name:** | **David Young** | **Subject:** | **Linear Systems and Statistics** | **Week of:**  | **September 3rd, 2013** |
| **Lesson Plans** |
|  | **Monday:** | **Tuesday:** | **Wednesday:** | **Thursday:** | **Friday:** |
| **Statement of** **Objective(s)/****Think, Know,****Do(start with a verb)** | **Labor Day** **No school** |  **Students will make connections between matrices, application problems and geometric transformations** | **Students will summarize unit objectives**  | **Students will demonstrate profeciency in working with matrix** | **Students will apply transformation to geometric figuresd using matrices.** |
| **Anticipatory****Set/Opening** |  | **Quick poll to create matrix for application problem** | **Quick Poll to compare and contrast addition and multiplication of matrices** | **Last minute question before test is administered** | **Show example of expected product with and/or without technology** |
| **Learning****Activities** |  | **Use the review 4.2b and 4.3 b worksheets as review o application problems and geom,metreic transforamation.**  | **Review for unit assessment on** **matrix identification , addition, subtraction, and multiplication.****Students will work together in small groups as teacher circulates**  | **Unit Assessmnet** | **Project to be done as an individual or with a partner to create a matrix to define a shape.** **Students will then transform the shape in at least two different ways.** |
| **Assessment of****Student****Understanding****/Closure** |  | **Randomly call on students to present their solution to one of the problems** | **Students will analyse results of their review assignment** | **Correct answers for test** | **Student will prepare a presentation of their projects to include a summary of the nature of each transformation** |