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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** |