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| **Name:** | **David Young** | | | **Subject:** | **Linear Systems and Statistics** | | | **Week of:** | **October 7th, 2013** | |
| **Lesson Plans** | | | | | | | | | | |
|  | | **Monday:** | **Tuesday:** | | | **Wednesday:** | **Thursday:** | | | **Friday:** |
| **Statement of**  **Objective(s)/**  **Think, Know,**  **Do(start with a verb)** | | Students will solve systems of equations using inverse matrices, find determinants, and find inverses of matrices | Students will review concepts covered the first quarter of the year to prepare for the quarterly assessment. | | | Students will be assessed on concepts taught the first nine weeks of class | Students will be assessed on concepts taught the first nine weeks of class | | | Students will use linear programming to model and solve real-world problems  (e.g., maximum profit/minimal cost, investments, agriculture, manufacturing, banking) |
| **Anticipatory**  **Set/Opening** | | Last minute questions before test | List of concepts to be covered on quarterly assess will be posted.  Students will write on notecard questions for the concepts | | | Last minute questions before assessment | Last minute questions before assessment | | | Students will be given a packet of inequalities to review concepts learned in Algebra II. |
| **Learning**  **Activities** | | Test over determinants, inverse matrices, and solving systems of equations using inverse matrices | Students will be divided into groups based on questions written on notecards. | | | Quarterly Assessment  Open Response | Quarterly assessment  Multiple Choice | | | Students will work in partners solving the packet of linear inequatity equations in preparation for their project next week |
| **Assessment of**  **Student**  **Understanding**  **/Closure** | | Test | Teacher will monitor student work in groups | | | Assessments will be scored on  Oct. 14th professional day | Assessments will be scored on  Oct. 14th professional day | | | Students will check the solution key when they are completed with the assignment. |