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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 AssessmentOpen Response | Quarterly assessmentMultiple 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. |