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| **Name:** | **David Young** | **Subject:** | **Linear Systems and Statistics** | **Week of:**  | **October 21, 2013** |
| **Lesson Plans** |
|  | **Monday:** | **Tuesday:** | **Wednesday:** | **Thursday:** | **Friday:** |
| **Statement of** **Objective(s)/****Think, Know,****Do(start with a verb)** | Students will use linear programming to model and solve real-world problems (e.g., maximum profit/minimal cost, investments, agriculture, manufacturing, banking) | Students will use linear programming to model and solve real-world problems (e.g., maximum profit/minimal cost, investments, agriculture, manufacturing, banking) | Students will use linear programming to model and solve real-world problems (e.g., maximum profit/minimal cost, investments, agriculture, manufacturing, banking) | Students will use linear programming to model and solve real-world problems (e.g., maximum profit/minimal cost, investments, agriculture, manufacturing, banking) | NO School Parent teacher conferences |
| **Anticipatory****Set/Opening** | Final questions for project rubric before presentations begin on Tuesday | Review presentation rubric and method for peer evaluation. | Review presentation rubric and method for peer evaluation | Discuss nature and needs of writing prompts. (what does it mean to write to a prompt if doing it on the calculator/ or with a pencil) |  |
| **Learning****Activities** | Finishing touches to solutions and presentations | Presentations begin by random selection of groups | Continue presentations | Final presentations.Evaluation of student understanding of linear programming through a series of writing prompts. Students will write in depth about various aspects of linear programming.  |  |
| **Assessment of****Student****Understanding****/Closure** | Monitor student progress and check for understanding | Teacher and students will score presentation on rubric. Students will use TI-Nspire files. | Teacher and students will score presentation on rubric. Students will use TI-Nspire files. | Teacher will monitor student work in groups |  |