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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 | | |  |