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| **Name:** | **David Young** | | | **Subject:** | | **Algebra 2** | | **Week of:** | **Sept 3, 2013** | |
| **Lesson Plans** | | | | | | | | | | |
|  | | **Monday:** | **Tuesday:** | | **Wednesday:** | | **Thursday:** | | | **Friday:** |
| **Statement of**  **Objective(s)/**  **Think, Know,**  **Do(start with a verb)** | | **LABOR DAY/ NO SCHOOL** | **Linear Systems: Students will begin solving systems of linear equations by investigating prior knowledge of solving equations.** | | **Linear Systems: Students will begin solving systems of linear equations by Graphing and Tables** | | **Graphing Calculator Investigations: Students will become proficient solving systems graphically through investigation of calculator use.** | | | **Linear Systems: Students will begin solving systems of linear equations algebraically(substitution & elimination)** |
| **Anticipatory**  **Set/Opening** | | **LABOR DAY/NO SCHOOL** | **Quick Polls to determine progress of previous assignment / quick review of transformation test results** | | **Students will complete and discuss warm up activity on pg. 182 in the Holt Alg. II book** | | **Open forum discussion / question & answer session of assignment from previous day.** | | | **Students will complete and discuss warm up activity on pg. 190 in the Holt Alg. II book** |
| **Learning**  **Activities** | | **LABOR DAY/NO SCHOOL** | **Students will work (individually or in collaborative pairs) to solve a problem posing question using prior knowledge and mathematical reasoning. Students will present / defend their method, while other students write down each method if different from theirs. After methods have been compared, students will choose a method different from how they solved first question to solve a second problem posing question.** | | **Class discussion while taking notes on the Solve Systems by Graphing PowerPoint, student lead analysis of examples from book on solving systems by graphing and tables** | | **Students will review all rules regarding solving systems graphically by discussing and completing Linear and Quadratic system by graphing worksheet. Students will correctly enter systems in their T.I. inspires (or other graphing utility) and be able to analyze graphs to determine correct answer.** | | | **Students will copy down the notes from solving systems of equations by elimination and substitution then will be required to analyze notes to defend their process of working through the provided examples. Students will be allowed to clear any misconceptions of peers while the teacher observes.** |
| **Assessment of**  **Student**  **Understanding**  **/Closure** | | **LABOR DAY/ NO SCHOOL** | **Observe student interaction during presentation of methods / analyze method chosen on second problem, exit ticket** | | **Observe student work during completion of assignment 3.1 Practice B, clearing any misconceptions students may have while they work individually.** | | **Observation of student participation and understanding** | | | **Observation of student interaction during discussion of examples/assignment 3-2 practice B** |