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| **Name:** | **David Young** | | | **Subject:** | **Algebra II** | | | **Week of:** | **10/21/2013** | |
| **Lesson Plans** | | | | | | | | | | |
|  | | **Monday:** | **Tuesday:** | | | **Wednesday:** | **Thursday:** | | | **Friday:** |
| **Statement of**  **Objective(s)/**  **Think, Know,**  **Do(start with a verb)** | | **Students will identify, evaluate, add, and subtract polynomials. They will also classify and graph polynomials.** | **Students will graph polynomials technology.** | | | **Students will multiply polynomials and use binomial expansion to expand expressions that are raised to positive integer powers.** | **Students will multiply polynomials and use binomial expansion to expand expression that are raised to positive integer powers.** | | | **Parent / Teacher Conferences** |
| **Anticipatory**  **Set/Opening** | | **Students will identify the vocabulary they already know and take notes on vocabulary that they will be using in this unit.** | **Students will make a polynomial with given characteristics. Then they can explain, in sentences, their reasoning process.** | | | **Write about it: Explain, in sentences, what it means to square something. Explain, in sentences, what it means to cube something.** | **Write about it: Explain, in sentences, how you would multiply a binomial by a trinomial** | | | **N /A** |
| **Learning**  **Activities** | | **Students will answer prompted vocabulary questions and take notes on vocabulary they have not yet learned. Students will also practice how to add and subtract polynomials.** | **Using graph paper, students will graph polynomial functions and relate their properties to aspects of their graphs.** | | | **Students will compare answers when practicing multiplying polynomials. Students will make the connection between the “FOIL” process and distributing.** | **Working in pairs or groups, students will cooperatively work together to practice multiplying polynomials.** | | | **N / A** |
| **Assessment of**  **Student**  **Understanding**  **/Closure** | | **Teacher observation and questioning, homework checks/quizzes, unit quiz, and unit test.** | **Teacher observation and questioning, homework checks/quizzes, unit quiz, and unit test.** | | | **Teacher observation and questioning, homework checks/quizzes, unit quiz, and unit test.** | **Teacher observation and questioning, homework checks/quizzes, unit quiz, and unit test.** | | | **N / A** |