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| **Name:** | **David Young** | | | **Subject:** | **Algebra II** | | **Week of: April 21, 2014** | | |  |
| **Lesson Plans** | | | | | | | | | | |
|  | | **Monday:** | **Tuesday:** | | | **Wednesday:** | | **Thursday:** | **Friday:** | |
| **Statement of**  **Objective(s)/**  **Think, Know,**  **Do(start with a verb)** | | **Students will explore the standard deviation and variance** | **GEOMETRY EOC**  **Students will continue work on standard deviation** | | | **GEOMETRY EOC**  **Students will apply rules of probability as they evaluate a normal curve** | | **Students will examine appropriate ways to display a set of data** | **Students will examine the difference between 1-variable data and bivariate data** | |
| **Anticipatory**  **Set/Opening** | | **Compare and contrast data sets used in the quiz on Friday using one of the measures of central tendency** | **Write the purpose of standard deviation when evaluating a set of numbers** | | | **Relate the standard deviation and the mean to the area of the curve** | | **Look at the pattern in the data and use some statistical measure to represent your level of confidence in the model** | **Draw a normal curve and indicate how it would be divided based on the distributions of the standard deviations** | |
| **Learning**  **Activities** | | **Begin worksheet on standard deviation computing it with the use of the mean** | **Continue work on the standard deviation worksheet using graphing calculator technology, list management and one variable statistics** | | | **N’spire Activity on the normal curve or worksheet** | | **Real Graphs activity** | **Quiz 3**  **Normal distribution and standard deviation** | |
| **Assessment of**  **Student**  **Understanding**  **/Closure** | | **Observe student work.** | **Observe student work. Completed worksheet** | | | **Observe students work**  **Page 851; 36 -42** | | **Completed student activity worksheet**  **Page 146 ; 1 – 11** | **Graded Quiz** | |