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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** |