**Basic Algebra II Weekly Plan Sept. 18 to Sept. 22, 2017**

**Common Core Standards:**

**A.CED.2:** Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.

**F.IF.1**: Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range.

**F.IF.2:** Use function notation, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context.

**F.IF.4:** For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description

of the relationship.

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| Day | In Class | Assignment |
| Monday  Sept. 18th  A.CED.2  F.IF.1, 2 | Today’s Goal: To learn about relations and functions.   * Section 1-6 * Relations verses functions * Domain and range foldable   ELO: Classify Functions by Family |  |
| Tuesday  Sept. 19th  A.CED.2  F.IF.1, 2 | Today’s Goal: To learn about relations and functions.   * Section 1-6 * Relations verses functions * Domain and range * The vertical line test   ELO: Classify Functions by Family | Homework 1-6  p. 47  #1-10, 22, 23 |
| Wednesday  Sept. 20th  A.CED.2  F.IF.4 | Today’s Goal: To learn about function notation.   * Section 1-7 * f(x) notation * evaluating functions * graphs of functions   ELO: Classify Functions by Family | Homework 1-7 A  p. 54  #1-7, 12 |
| Thursday  Sept. 21st  A.CED.2  F.IF.4 | Today’s Goal: To learn about function notation.   * Section 1-7 * f(x) notation * evaluating functions * graphs of functions | Homework 1-7 B  p. 54  #8-11, 18 due tomorrow  (From last week) |
| Friday  Sept. 22nd | Today’s Goal: To excel on the chapter 1 quiz.   * Quiz: Sections 1-5 to 1-7 |  |