**Basic Algebra II Weekly Plan Oct. 2 to Oct. 6, 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.

**A.CED.3**: Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options in a modeling 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.

**F.IF.5:** Relate the domain of a function to its graph and, where applicable, to the quantitative relationship it describes.

**F.BF.3:** Identify the effect on the graph of replacing *f*(*x*) by *f*(*x*) + *k*, *k f*(*x*), *f*(*kx*), and *f*(*x* + *k*) for specific values of *k* (both positive and negative); find the value of *k* given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology.

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| Day | In Class | Assignment |
| MondayOct. 2nd A.CED.2A.CED.3F.IF.4, 5F.BF.3 | Today’s Goal: To learn parent functions.* Parent function activity
* Transformations of parent functions Activity

ELO: Classify functions into families.  |  |
| TuesdayOct. 3rd  | Today’s Goal: To review for the chapter 1 test.* Chapter 1 Test Review
 | Finish Chapter 1 Test Review |
| WednesdayOct. 4th  | Today’s Goal: To review for the chapter 1 test.* Chapter 1 Test Review
* Study!
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| ThursdayOct. 5th  | Today’s Goal: To review for the chapter 1 test.* Chapter 1 Test
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| FridayOct. 6th  | Today’s Goal: To learn parent functions.* Parent function activity
* Transformations of parent functions Activity

ELO: Classify functions into families.  |  |

All chapter 1 work must be turned in by Monday, Oct. 9th.