**Basic Algebra II Weekly Plan Nov. 16 to Nov. 20, 2015**

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| Day | In Class | Assignment |
| Monday  Nov. 16th  A.CED.2, 3  A.REI.1, 5, 6, 12 | Today’s Goal: To learn about solving linear systems.   * Linear Systems Practice * Section 3-2 * Solving linear systems by elimination * Systems with infinite or no solutions | Homework sec. 3-2 B  p. 194, #6-13 |
| Tuesday  Nov. 17th  A.CED.3  A.REI.12 | Today’s Goal: To learn about solving linear systems of inequalities.   * Section 3-3 * Graphing systems of linear inequalities * Geometry Applications | Homework Sec. 3-3  p. 202, #2-6 and 8, 9  Use graph paper |
| Wednesday  Nov. 18th  A.CED.2  A.CED.3 | Today’s Goal: To learn about solving linear inequality systems.   * Section 3-3 * Graphing systems of linear inequalities practice. | 3-3 practice worksheet |
| Thursday  Nov. 19th  A.CED.2  A.CED.3 | Today’s Goal: To learn about solving linear systems with three variables.   * Section 3-5 * Graphing points in 3 dimensions * Graphing systems of linear equations with three variables | HW 3-5  p. 216, #1-8  Use graph paper provided! |
| Friday  Nov. 20th | Today’s Goal: To excel on the chapter 3 quiz.   * Quiz 3-1 to 3-5 (skip 3-4) |  |

**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.

**A.REI.1**: Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.

**A.REI.5**: Prove that, given a system of two equations in two variables, replacing one equation by the sum of that equation and a multiple of the other produces a system with the same solutions.

**A.REI.6:** Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables.

**A.REI.12:** Graph the solutions to a linear inequality in two variables as a halfplane (excluding the boundary in the case of a strict inequality), and graph the solution set to a system of linear inequalities in two variables as the intersection of the corresponding half-planes.