**Geometry Weekly Plan Oct. 9 to Oct. 13, 2017**



**Common Core Standards:**

**G.CO.1:** Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.

**G-CO-9**: Prove theorems about lines and angles.

**G-CO.11:** Prove theorems about parallelograms

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| Day | In Class | Assignment |
| Monday  Oct. 9th  **G-CO-1** | Today’s Goal: To learn about the relationships between lines and angles.   * Section 3-1 * Types of lines and planes * Transversals * Alternate interior angles   ELO: Apply angle and side relationships to figures | HW 3-1  P. 148-150  #14-29 all,  #34-40 evens |
| Tuesday  Oct. 10th  **G-CO-11** | Today’s Goal: To learn about parallel lines and transversals.   * Section 3-2 * Corresponding angles * Alternate exterior and interior angles * Finding angle measures   ELO: Apply angle and side relationships to figures | HW 3-2  P. 158-160  #6-24 evens & 25  Extra Credit: #38 |
| Wednesday  Oct. 11th  **G-CO-9**  **G-CO-11** | Today’s Goal: To learn about the converses for parallel line postulates and theorems.   * Section 3-3 * Converse of Corresponding ∠ post * Parallel Postulate * Proving Parallel lines   ELO: Apply angle and side relationships to figures | HW 3-3  P. 166-169  #16-40 evens  (38 can be a two column proof)  Extra Credit: 56 |
| Thursday  Oct. 12th  **G-CO-9**  **G-CO-11** | Today’s Goal: To learn about perpendicular lines.   * Section 3-4 * shortest distance to a line * ⊥ line theorems   ELO: Apply angle and side relationships to figures | HW 3-4  P. 175-178  #6-22 all,  #24-26 evens  EC: #36 and 38 |
| Friday  Oct. 13th | Today’s Goal: To excel on the chapter 3 quiz.   * Quiz 3-1 to 3-4 |  |

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| Monday | Tuesday |
| Wednesday | Thursday |