**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 |
| MondayOct. 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 3-1P. 148-150#14-29 all,#34-40 evens |
| TuesdayOct. 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 3-2P. 158-160#6-24 evens & 25Extra Credit: #38 |
| WednesdayOct. 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 3-3P. 166-169#16-40 evens (38 can be a two column proof)Extra Credit: 56 |
| ThursdayOct. 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 3-4P. 175-178#6-22 all,#24-26 evensEC: #36 and 38 |
| FridayOct. 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 |