**Geometry Weekly Plan Nov. 30 to Dec. 4, 2015**



**Common Core Standards:**

**G-CO-6:** Use geometric descriptions of rigid motions to transform figures and to predict the effect of a given rigid motion on a given figure; given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.

**G-CO-7:** Use the definition of congruence in terms of rigid motions to show that two triangles are congruent if and only if corresponding pairs of sides and corresponding pairs of angles are congruent.

**G-CO-10**: Prove theorems about triangles.

|  |  |  |
| --- | --- | --- |
| Day | In Class | Assignment |
| Monday  Nov. 30th  **G-CO-6**  **G-CO-10** | Today’s Goal: To learn about SSS and SAS congruent triangles.   * Section 4-4 * Side-side-side triangle congruence * Side-angle-side triangle congruence   ELO: Apply angle and side relationships to figures  Justify your thinking | HW 4-4  p. 246-247  #8-21 all, 24  Extra Credit: 32 |
| Tuesday  Dec. 1st  **G-CO-6**  **G-CO-7**  **G-CO-10** | Today’s Goal: To learn about ASA, AAS and HL congruent triangles.   * Section 4-5 * Angle-side-Angle triangle congruence * Angle-angle-side triangle congruence * Hypothesis-leg triangle congruence | HW 4-5  p. 256-259  #9-18 all, 24  Extra Credit: 32 |
| Wednesday  Dec. 2nd  **G-CO-6**  **G-CO-7**  **G-CO-10** | Today’s Goal: To practice using SSS, SAS, ASA and AAS and HL to determine congruent triangles.   * Triangle congruence practice   ELO: Apply angle and side relationships to figures  Justify your thinking | Practice WS |
| Thursday  Dec. 3rd  **G-CO-6**  **G-CO-7**  **G-CO-10** | Today’s Goal: To learn about triangle congruence.   * Section 4-6 * CPCTC * Using CPCTC | HW 4-6  p. 262-265  #7-12 all  #14-22 evens  Extra Credit: 30 |
| Friday  Dec. 4th | Today’s Goal: To review for the chapter 4 quiz.   * Quiz 4-1 to 4-6 |  |