**Geometry Weekly Plan Dec. 7 to Dec. 11, 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.

**G-GPE-4:** Use coordinates to prove simple geometric theorems algebraically.

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| Day | In Class | Assignment |
| MondayDec. 7th **G-CO-6****G-CO-7****G-CO-10** | Today’s Goal: To learn about triangle congruence.* Section 4-6
* CPCTC
* Using CPCTC
 | HW 4-6In Class |
| TuesdayDec. 8th **G-GPE-4** | Today’s Goal: To learn about coordinate proofs.* Section 4-7
* Coordinate proofs
* Positioning shapes on the coordinate plane
* Proofs without numbers
 | HW 4-7p. 270-272#8-19 all, 22, 24Extra Credit: 32 |
| WednesdayDec. 9th **G-CO-10** | Today’s Goal: To learn about isosceles and equilateral triangles.* Section 4-8
* Isosceles triangles
* Equilateral triangles
 | HW 4-8p. 276-278#12-26 all, 28, 29, 33, 34, 38Extra Credit: 32 |
| ThursdayDec. 10th **G-CO-10** | Today’s Goal: To practice using SSS, SAS, ASA and AAS and HL in geometry proofs.* Proofs Practice 3
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| FridayDec. 11th  | Today’s Goal: To excel on the chapter 4 quiz.* Quiz 4-4 to 4-8
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