**Geometry Weekly Plan Jan. 18 to Jan. 22, 2016**



**Common Core Standards:**

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

**G-CO-12:** Make formal geometric constructions with a variety of tools and methods compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.).

**G-SRT-4:** Prove theorems about triangles. (similarity)

**G-GPE-6:** Find the point on a directed line segment between two given points that partitions the segment in a given ratio.

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| Day | In Class | Assignment |
| Monday  Jan. 18th | MLK Day  No School |  |
| Tuesday  Jan. 19th  **G-CO-9**  **G-SRT-4**  **G-CO-12**  **G-GPE-6** | Today’s Goal: To learn about the triangle midsection theorem.   * Section 5-4 * The Triangle Midsection Theorem * Triangles in the coordinate plane * Finding measurements using the triangle midsection   ELO: Apply angle and side relationships to figures | HW 5-4  p. 324-327  #10-26 all  #30-35 all  Extra Credit: 42 |
| Wednesday  Jan. 20th | Today’s Goal: To review for the semester exam.   * Bisecting Triangles * Sem. 1 Exam Review   ELO: Apply angle and side relationships to figures |  |
| Thursday  Jan. 21st | Today’s Goal: To excel on the NWEA test and triangle web assignment.   * NWEA test (freshmen/8th) * Triangle Web assignment (sophomores) * Sem. 1 Exam Review |  |
| Friday  Jan. 22nd | Today’s Goal: To review for the semester exam.   * Bisecting Triangles * Sem. 1 Exam Review   ELO: Apply angle and side relationships to figures |  |

All 2nd Quarter work must be turned in by Monday, Jan. 25th.