Strong Middle School

Weekly Lesson Plans # 10

11/13/2017-11/17/17

Mr. Bazzi

**Monday**

**6th and 7th Grades:** ELD and Bridge Common Core State Standards: **6.NS.C.8** Graph points on a coordinate plane

**Prior knowledge:** Integers ( Negative integers, positive integers, and zero)

**Vocabulary:** origin, horizontal, vertical. Quadrants, x-coordinate, and y-coordinate

**CO:** I can remember how to read points on a coordinate plane by identifying the x-coordinate and y-coordinate.

**LO:** I can explain how to plot points on a coordinate plane by locating first the x-coordinate and then the y-coordinate.

**Exit Ticket:** write down two things you learned about a coordinate plane.

**8th grade** Common Core State Standards: **8.EE.A.1** Evaluate Exponents

**Prior knowledge:** Exponent rules ( adding, subtracting, dividing, multiplying integers)

**Vocabulary:** variables, coefficients

**CO:** I can evaluate exponents by looking at the coefficients and variables.

**LO:** I can orally explain how to evaluate exponents by using the exponents rules.

**Exit Ticket:** write two facts about evaluating exponents with two examples.

**Tuesday:**

**6th and 7th grades:** Common Core state standards: **6.NS.C.6a** recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., -(-3), and that 0 is its own opposite.

**CO:** I can remember how to plot integers on a number line.

**LO:** I can orally explain how to plot negative and positive integers on a number line by identifying the location of each integer.

**8th Grade:** Practice exponents from Monday’s lesson.

**Wednesday:**

**6th and 7th Grade:** Common Core State Standards: **6.NS.C.6a:** Absolute value and opposite integers

**CO:** I can remember how to find the absolute value and opposite integers on a number line.

**LO:** I can orally explain how to distinguish and plot absolute values and opposite integers on a number line.

**8th Grade:** **8.EE.A.1** Know and apply the properties of integer exponents to generate equivalent numerical expressions. Multiplication and division with exponents

**CO:** I can remember how to apply the exponents rules by looking at each expression.

**LO:** I can orally explain how to apply each rule by identifying the coefficients, variables, and exponents.

**Thursday:**

**8th : Grade:** practice Wednesday’s lesson and review for the quiz

**6th and 7th :** Grades: **CCSS: 6.NS.C.7a** Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.

**CO:** I can identify the inequality signs for each statement.

**LO:** I can orally explain how to distinguish and plot each inequality on a number line by looking at the inequality sign.

**Friday:**

**6th and 7th Grades:** quiz on integers and inequalities

**8th Grade:** quiz on Multiplying and dividing exponents