**Strong Middle School**

**Weekly Lesson Plans # 8**

**10/30/17-11/03/17**

**Mr. Bazzi**

**Handouts from the textbook.**

**Monday:**

**6th and 7th Grade:** **ELD** Common Core State Standards: **6.RP.A.3b Solve unit rate problems including those involving unit pricing and constant speed.**

**CO:** I can remember how to find a unit rate by looking at the ratio.

**LO:** I can orally explain how to compare the unit rate by looking at the numerator and denominator.

Vocabulary: ratios, rates, and unit rates. ( lesson 2, p10-12)

**8th Grade:** **ELD**  Common Core State Standards: **8.EE.A.1 know and apply the properties of integer exponents to generate equivalent numerical expressions.**

Guided practice from week # 7 ( p8-p11)

**Tuesday:**

**6th and 7th grade:** Half Day **ELD** Continued Monday’s lesson

**8th grade**: **ELD** **Half day:** Review : adding and subtracting ( positive and negative integers)

Multiplying and dividing ( positive and negative integers), Examples of rational and irrational numbers.

**Wednesday:**

**6th and 7th grade: ELD** keep practicing Unit Rates P14

**8th Grade:** **ELD** Common Core State Standards: **8.EE.A.2 Use square root symbol to represent solutions to equations of the form** $x^{2}=p$**, where p is a positive rational number. Evaluate square roots of small perfect squares. Know that the square root of 2 is irrational.**

**CO:** I can remember how to find the square roots of positive rational numbers.

**LO:** I can orally explain how to find the square roots of small perfect squares by looking at the bases. ( p12-13)

Vocabulary: positive rational numbers, perfect square, radical sign, and radicand.

**Thursday:**

 **6th and 7th Grade**: **ELD** Common Core State Standards: **6.RP.A.3b Solve unit rate problems including those involving unit pricing and constant speed.**

 Equivalent ratios: word problems ( p16-17)

**CO:** I can figure out the equivalent ratios by looking at the numerators and denominators.

**LO:** I can orally explain the equivalent ratios by determining the greatest common factor of each ratio.

**8th Grade** **ELD**  Common Core State Standards: **8.EE.A.2 Use a cube root symbol to represent solutions to equations of the form** $x^{3}=p$**, where p is a positive rational number. Evaluate cube roots of small perfect cubes.**

**CO:** I can remember how to find the cube roots of small positive rational numbers.

**LO:** I can orally explain how to determine the small perfect cubes by looking at the bases.

( p14-p15)

**Friday:**

**6th and 7th Grade**: **ELD** Practice page 18

**8th Grade**: Half day ( review square and cube roots)