Strong Middle School

Weekly Lesson Plans # 33

05/14/18-05/18/18

Mr. Bazzi

**Monday:**

**6th Grade: CCSS: 6.NS.B.2 Divisibility rules ( activity)**

**CO:** I can remember the divisibility by applying the divisibility rules.

**LO:** I can orally explain how to use the divisibility rule by looking at each whole number individually.

**7th Grade:** **CCSS: 7.NS.A. Applying and extend previous understanding of operations with fractions to add and subtract rational numbers. Word Problems ( activity)**

**CO:** I can apply how to add and subtract rational numbers by solving a story problem.

**LO:** I can orally explain how to add and subtract rational numbers by using the least common multiple to complete the activity.

**8th Grade:** **8EE.C.7a Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form x=a, a=a, or a=b results ( where a and b are different numbers.)**

**CO:** I can remember how to solve two step equations by isolating the variable to one side of the equation.

**LO:** I can orally explain how to solve two step equations by adding or subtracting the same quantity to both sides of the equation. ( activity)

**Tuesday:**

**6th Grade: CCSS: 6.NS.B.2 Divisibility rules ( activity)**

**CO:** I can remember the divisibility by applying the divisibility rules.

**LO:** I can orally explain how to use the divisibility rule by looking at each whole number individually.

**7th Grade:** **CCSS: 7.NS.A.1 Review: Integer addition and subtraction rules. (activity)**

**CO:** I can remember how to add and subtract integers by using the number line.

**LO:** I can orally explain how to add and subtract integers by looking at the sign of each integer.

**8th Grade:** **CCSS: 8.G.B.7 Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions. Pythagorean Theorem: Find the length of the hypotenuse.**

**CO:** I can remember how to find the length of the hypotenuse of a right triangle by using Pythagorean Theorem.

**LO:** I can orally explain how to determine the length of the hypotenuse by applying the converse of the Pythagorean theorem. **( activity )**

**Wednesday:**

**6th Grade:** **CCSS: 6.RP.A.3b** Unit Rates: word problems.

 **CO:** I can understand how to solve word problems.

**LO:** I can orally explain how to solve unit rates by writing the word problem using a ratio. P.34-p.35

**7th Grade:** Mixed problems

**8th Grade:** Mixed problems

**Thursday:**

**6th Grade: CCSS: 6.NS.B.4 Find the greatest Common Factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor.** Assessment on GCF ( activity )

**7th Grade:** **7.SP.B.4 Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations. ( Interpret charts to find mean, median, mode, and range)**

**CO:** I can analyze the numerical data by determining the mean, median, mode, and range.

**LO:** I can orally explain the mean, median, mode, and range using charts. **( activity )**

**8th Grade:** **CCSS: 8.G.C.9 know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.**

**CO:** I can apply the volume of the sphere by finding the radius.

**LO:** Students will be able to understand the volume of the sphere with $V=\frac{4}{3}πr^{3}$ **( activity )**

**Friday:**

**6th Grade:** Assessment on divisibility rule.

**7th Grade:** Assessment on adding and subtracting negative integers.

**8th Grade:** Assessment on two step equations.