Strong Middle School

Weekly Lesson Plans # 16

01/08/18-01/12/18

Mr. Bazzi

**Monday:**

**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:** **CCSS: 7.EE.B4a Solve word problems leading to equations of the form px+q=r and p(x+q)=r, where p, q, andr are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach. Solve one step equations. (activity)**

**CO:** I can remember how to solve one step linear equations by isolating the variable on one side.

**LO:** I can explain how to solve a linear equation by adding, subtracting, dividing, and multiplying the same quantity for each side of the equation.

**8th Grade:** **CCSS: 8.EE.C.7 a 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 a linear equation in one variable by isolating the variable on one side.

**LO:** I can orally explain how to solve a linear equation in one variable by making the coefficient of the variable to be one.

**Tuesday:**

**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. ( activity )**

**CO:** I can remember how to find the least common multiple between two whole numbers by using the multiples.

**LO:** I can orally explain how to determine the least common multiple between two whole numbers by looking at the smallest whole number that is divisible by both of the whole numbers.

**7th Grade:** same as Monday

**8th Grade:** Same as Monday

**Wednesday:**

**6th Grade:** **CCSS: 6. NS.C.5 Understand that positive and negative numbers are used together to describe quantities having opposite directions or values ( e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge);use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation. P112-114**

**CO:** I can remember how to apply integers by using the real number line.

**LO:** I can orally explain how to use integers by plotting numbers on the real number line.

**7th Grade:** Using the same standards of Monday ( solve two step equations)

**8th Grade:** **CCSS: 8. EE.C.7b Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms. ( activity)**

**CO:** I can remember how to solve a linear equation by multiplying each side by the reciprocal of the coefficient of the variable.

**LO:** I can orally explain how to solve a linear equation by using the distributive property and collecting like terms.

**Thursday:**

**6th Grade:** **Continued Wednesday lesson plans P.115-117**

**7th Grade: Continue working on two-step equations**

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

**LO:** I can orally explain how to solve two step equations by dividing or multiplying both sides of the equation by the coefficient of the variable.

**8th Grade: Finish two step equations and review for Friday’s assessment.**

**Friday:**

**6th Grade:** Assessment on integers

**7th Grade:** Assessment on one-step equations

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