Strong Middle School

Weekly Lesson Plans # 32

05/07/18-05/11/18

Mr. Bazzi

**Monday:** Substitute Teacher

**6th Grade, 7th Grade, and 8th Grade** ( handouts )

**Tuesday:**

**6th Grade: CCSS: 6.SP.B.4 Display numerical data in plots on a number line, including dot plots. Histograms, and box plots.**

**CO:** I can remember how to calculate the interquartile by subtracting the lower quartile from the upper quartile.

**LO:** I can explain how to find the interquartile by completing the worksheet correctly. **( P. 298-299)**

**7th Grade: CCSS: 7.G.B.6 Solve real-world and mathematical problems involving area, volume and surface area of two-and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.**

**CO**: I can remember how to determine the surface area of rectangular prism by adding all the areas.

**LO:** I can explain how to fine the surface area of a rectangular prism by determining the area of each face and find the total areas. **( activity)**

 **8th Grade:** **CCSS: 8.F.A.3 Interpret the equation y=mx+b as defining a linear function, whose graph is a straight line; give examples of functions that are not linear. Graph a line from an equation in slope-intercept form.**

**CO:** I can remember how to graph a linear equation by using the slope and y-intercept. Y=mx+b

**LO:** I can explain how to graph a linear equation by plotting the y-intercept and slope using rise over run. **( P. 74-75)**

**Wednesday:**

**6th Grade: 6th and 7th Grade:** **ELD** Common Core State Standards: **N.FL.06.10** (Multiplying Positive Rational Numbers)

**CO:** I can remember the multiplication of fractions by determining the numerators and denominators.

**LO:** I can orally explain how to multiply positive rational numbers by multiplying the numerator by the numerator and the denominator by the denominator. ( story problems)

**8th Grade:** 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 Grade:** **6.SP.B.4 Display numerical data in plots on a number line, including dot plots, histograms, and box plots.** ( create pictographs )

**CO:** I can explain how to create pictographs by identifying the horizontal and vertical axes.

**LO:** Students will be able to learn how to determine an exact pictograph by completing the worksheet correctly.

**7th Grade:** **CCSS: 7.G.B.5 Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.**

 ( Find measures of complementary, supplementary, vertical, and adjacent angles )

**CO:** I can orally explain how to find the measurement of each angle by identifying the type of each angle.

**LO:** Students will be able to understand how to determine the measures of each angle by completing the worksheet correctly.

**Grade:** **CCSS: 8.GB.8 Apply the Pythagorean Theorem to find the distance between two points in a coordinate system.** ( find the distance between two points )

**CO:** I can remember how to use the Pythagorean Theorem by determining the distance between two points.

**LO:** Students will be able to learn how to find the distance between two points by completing the worksheet correctly.

**Friday:**

**6th Grade:** Assessment on interquartile

**7th Grade:** Assessment on complementary, supplementary, and vertical angles.

**8th Grade:** Assessment on rational and irrational numbers.