Strong Middle School

Weekly Lesson Plans # 22

02/21/2018-02/23/2018

Mr. Yehia

**Wednesday**

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

**CO:** Students will be able to demonstrate how to plot dot plots by organizing the data from smallest to greatest.

**LO:** I can explain how to plot dot plots by using dots above a number line and numbers below the number line. **P.294-P.295**

**7th Grade:** **CCSS: 7.G.B Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.**

**CO:** Students will be able to demonstrate how to use the formulas for surface area and volume of a prism.

**LO:** I can explain how to use the formula for the volume and surface area by identifying the bases and sides. **( 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.**

Go over the exam and do pages **114-115** because students still need to practice more on this concept.

**Thursday**

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

**CO:** Students will be able to demonstrate how to find the mean absolute deviation from the table.

**LO:** I can explain how to determine the mean absolute deviation from the table by subtracting the mean from the data value. **P.300-P301**

**7th Grade:** It is the same as Wednesday’s lesson **( activity )**

**8th Grade:** Review solving equations with rational coefficients. **P.120-121**

**Friday**

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

**CO:** Students will be able to demonstrate knowledge of explaining a pictograph from a table.

**LO:** I can explain how to use a table to get information about the pictograph. **( activity)**

**7th Grade:** Reviewing the area of a triangle. ( activity )

**8th Grade:** assessment on solving equations with rational coefficients.