Strong Middle School

Weekly Lesson Plans

02/26/2018-03/02/2018

Mr. Bazzi

**Monday:**

**6th Grade: CCSS: Solve real-world and mathematical problems involving area, surface area, and volume.**

**CO:** I can remember how to find the area of a square and rectangle by identifying the base and height.

**LO:** I can orally explain how to determine the area of a square and rectangle by multiplying the base by the height**. ( activity )**

**7th Grade: CCSS: Solve real-world and mathematical problems involving area, surface area, and volume.**

**CO:** I can remember how to find the surface area of a cylinder by identifying the bases and the height.

**LO:** I can orally explain how to determine the surface area of a cylinder by adding the area of the two circles and the circumference of the circle times the height of the cylinder. **( activity )**

**8th Grade: CCSS: 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.**

**CO:** Students will be able to demonstrate how to use the slope intercept form by graphing a linear equation.

**LO:** I can orally explain how to graph a linear equation by identifying the slope and y-intercept. **( activity )**

**Tuesday:**

**6th Grade:** **CCSS: Solve real-world and mathematical problems involving area, surface area, and volume.**

**CO:** I can remember how to find the area of a parallelogram by identifying the base and the height.

**LO:** I can orally explain how to determine the area of a parallelogram by multiplying the base by the height. **( activity )**

**7th Grade:** **CCSS: Solve real-world and mathematical problems involving area, surface area, and volume.**

**CO:** I can remember how to find the volume of a cylinder by identifying the bases and the height of the cylinder.

**LO:** I can orally explain how to determine the volume of a cylinder by multiplying the area of the base by the height of the cylinder**. ( activity )**

**8th Grade:** **CCSS: 8.G.B Understand and apply the Pythagorean Theorem.**

**CO:** I can remember how to use the Pythagorean Theorem by identifying the legs and the hypotenuse of a right triangle.

**LO:** I can orally explain how to apply the Pythagorean theorem by adding the sum of the squares of the two legs equal to the square of the hypotenuse. **( activity )**

**Wednesday:**

**6th Grade:** **CCSS: Solve real-world and mathematical problems involving area, surface area, and volume.**

**CO:** I can remember how to find the area of a triangle by identifying the base and the height.

**LO:** I can orally explain how to determine the area of a triangle by multiplying the base by the height and dividing by two. **( activity )**

**7th Grade:** **7.SP.C.7b Develop a probability model ( which may not be uniform ) by observing frequencies in data generated from a chance process.**

**CO:** I can remember how to find the probability of each object by looking at the total objects in a box.

**LO:** I can orally explain how to determine the probability of each object by dividing by the total objects in the box. **( activity )**

**8th Grade:** It is the same as Tuesday’s lesson **( activity )**

**Thursday:**

**6th Grade:** Review what we did Monday through Wednesday**. ( study Guide )**

**7th Grade:** It is the same as Wednesday’s lesson and review

**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 )**

**Friday:**

**6th Grade:** Assessment ( the area of triangle, square, rectangle, and parallelogram)

**7th Grade:** Assessment on the surface area and volume of a cylinder.

**8th Grade:** Assessment on Pythagorean Theorem.