Strong Middle School

Weekly Lesson Plans # 24

03/05/18-03/09/18

Mr. Bazzi

**Monday:**

**6th Grade: CCSS: 6.G.A.1 Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or composing into triangles and other shapes; apply these techniques in the context of solving real world and mathematical problems.**

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

**LO:** I can orally explain how to determine the area of a right triangle by multiplying the base by the height and dividing by 2 **( activity )**

**7th Grade:** **CCSS: 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.**

**CO:** Students will be able to learn how to determine mean, median, mode, and range by following the rules.

**LO:** I can orally explain how to determine the mean by adding all numbers and dividing by the total numbers in the data. **( activity )**

**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 )**

**Tuesday:** Half day

 **6th Grade:** ( reviewing multiplying fractions )

**7th Grade:** ( reviewing multiplying fractions)

**8th Grade:** ( reviewing linear equations )

**Wednesday:**

**6th Grade:** **CCSS: 6.G.A.1 Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or composing into triangles and other shapes; apply these techniques in the context of solving real world and mathematical problems.**

**CO:** I can remember how to find the area of compound figures by adding all the areas.

**LO:** I can orally explain how to determine the area of compound figures by looking at each area individually and add the total areas. **( activity )**

**7th Grade:** Continued Monday’s lesson ( activity )

**8th Grade:** Pythagorean Theorem: Find the perimeter

**CO:** I can remember how to find the perimeter of a right triangle by using the outside distance.

**LO:** I can orally explain how to determine the perimeter of a right triangle by adding all the sides. **( activity )**

**Thursday:**

**6th Grade:** **CCSS: 6.G.A.1 Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or composing into triangles and other shapes; apply these techniques in the context of solving real world and mathematical problems**

**CO:** Students will be able to demonstrate knowledge of understanding how to compare area and perimeter of two figures.

**LO:** I can orally explain how to compare area and perimeter of two dimensional figures by calculating the area and perimeter using the correct formula for each figure. **( activity )**

**7th Grade:** **CCSS: 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.**

**CO:** I can remember how to find the mean, median, mode, and range by looking at charts.

**LO:** I can orally explain how to determine the mean, median, mode, and range by using the chart to find specifically the measures of variability. **( activity )**

**8th Grade:** Pythagorean Theorem: Word Problems

**CO:** Students will be able to demonstrate knowledge of using Pythagorean Theorem in word problems.

**LO:** I can orally explain how to use Pythagorean theorem in story problems by identifying the given information to find the missing length.

**Friday:**

**6th Grade:** Assessment on area and perimeter of two figures

**7th Grade:** Assessment on mean, median, mode and range.

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