Strong Middle School

Weekly Lesson Plans # 30

04/23/18-04/27/18

Mr. Bazzi

**Monday:**

**6th Grade:** **6.EE.A.3 Apply the properties of operations to generate equivalent expressions.**

**( Multiply using the distributive property)**

**CO:** I can explain how to multiply each term to remove the parenthesis by using the distributive property.

**LO:** Students will be able to learn how to apply the distributive property by completing the worksheet correctly.

**7th Grade:** **CCSS: 7.G.A.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.** ( Scale drawings: word problems )

**CO:** I can explain how to use proportions to determine the exact answer on the map.

**LO:** Students will be able to learn how to find the correct answer on the map using proportions by completing the worksheet correctly)

**8th Grade:** **CCSS: CCSS: 8.G.A.5 Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles. (Identify complementary, supplementary, vertical, adjacent, and congruent angle ) ( Transversal of parallel )**

**CO:** I can explain how to identify the alternate interior, exterior, and corresponding angles by using the transversal line.

**LO:** Students will be able to learn how to determine the type of angles using the transversal line by completing the worksheet correctly**.**

**Tuesday:**

**6th Grade:** Continued Monday’s lesson

**7th Grade:** Continued Monday’s lesson

**8th Grade:** Continued Monday’s lesson

**Wednesday:**

**6 Grade:** **CCSS: 6.EE.A.4 Identify when two expressions are equivalent ( i.e., when the two expressions name the same number regardless of which value is substituted into them).**

( Add and subtract like terms )

**CO:** I can explain how to add and subtract algebraic expressions by collecting like terms.

**LO:** Students will be able to learn how to combine like terms by completing the worksheet correctly.

**7th Grade:** CCSS: 7.G.B.4 Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle. ( circles: word problems )

**CO:** I can orally explain how to use the area and circumference of a circle by solving word problems.

**LO:** Students will be able to learn how to determine the area and circumference of a circle by completing the worksheet correctly.

**8th Grade:** **CCSS: 8.G.A.5 Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles. (Identify complementary, supplementary, vertical, adjacent, and congruent angle )** ( congruent triangles: SSS )

**CO:** I can explain how to identify congruent triangles by looking at the sides and angles.

**LO:** Students will be able to learn how to find congruent triangles by determining the same sides and angles.

**Thursday:**

**6th Grade: CCSS: 6.EE.A.4 Identify when two expressions are equivalent ( i.e., when the two expressions name the same number regardless of which value is substituted into them).** (Identify equivalent expressions )

**CO:** I can orally explain how to identify equivalent expressions by looking at each expression individually.

**LO:** Students will be able to learn how to determine the equivalent algebraic expressions by completing the worksheet correctly.

**7th Grade: 7.G.A.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale. ( Similar and congruent figures )**

**CO:** I can explain how to determine the similar figures by looking at the angles and shapes.

**LO:** Students will be able to identify the similar figures using corresponding angles by completing the worksheet correctly.

**8th grade: continued Wednesday’s lesson**

**Friday:**

**6th Grade: Review and assessment on adding and subtracting like terms.**

**7th Grade: Review and assessment on scaling problems.**

**8th Grade: Review and assessment on transversal line ( alternate interior, exterior, corresponding,…..)**