**Summit Lesson Plans for the Week of 2-18-19 to 2-22-19**

**Monday, February 18th, 2019: No School – Presidents’ Day**

**Tuesday, February 19th, 2019: Volume of Rectangular Prisms and Cylinders**

**Goals:**

7.G.A.1, 7.G.A.2, 7.A.3, 7.G.B.4, 7.G.B.5, 7.G.B.6

**Objectives**:

* Students will define volume.
* Students will successfully find the volume of a rectangular prism.
* Students will successfully find the volume of a cylinder.
* Student will utilize formulas for finding the volume and then use algebraic substitution to find the volume of the given figure.

**Methodology:**

* Individualized and Whole Group Instruction.

**Procedure:**

* Bell Work.
* Correct and Collect Homework.
* To find the volume of a rectangular prism or cylinder, students must use the formula V = lwh for rectangular prisms (length times width times height).
* This formula is interchangeable with the formula for the volume of a cylinder which is the area of the base times the height (V = Area of Base x height).
* Students will begin their homework, 10.5 Practice B.

**Assessment:**

* Informal individualized and whole group assessment.
* Homework: Volume Worksheet

**Wednesday, February 20th, 2019: Volume of Trapeziodal and Triangular Prisms and Composite Figures**

**Goals:**

7.G.A.1, 7.G.A.2, 7.A.3, 7.G.B.4, 7.G.B.5, 7.G.B.6

**Objectives**:

* Students will gain more practice in finding the volume of rectangular prisms and cylinders.
* Students will learn how to find the volume of trapezoidal prisms and other composite figures.

**Methodology:**

* Individualized and Whole Group Instruction.

**Procedure:**

* Bell Work.
* Correct and Collect Homework.
* Example 1 – Triangular Prisms (Guided practice #1 and #2)
* Example 2 – Trapeziodal Prisms (Guided Practice #3 - #5)
* Example 3 – Composite Solids (Guided Practice #7)
* Students will work on their homework, Pp. 292-293: 1-15

**Assessment:**

* Informal individualized and whole group assessment.
* Homework: Pp. 292-293**:** 1-15

**Thursday, February 21st, 2019: Irregular Figures**

* Bell Work
* GP: Pp. 277-280: 1-4
* HW: Pp. 280-282: 1-15

**Friday, February 22nd, 2019: Geometry Study Guide**

**Goals**:

7.EE, 7.RP., 7.SP, 7.G.A.1, 7.G.A.2, 7.A.3, 7.G.B.4, 7.G.B.5, 7.G.B.6

**Objectives**:

* Students will review Geometry, Number Sense, Measurement, Data Analysis and Probability, and Algebra concepts that have been taught over the past month.

**Methodology**:

* Cooperative Group, Direct, and Individualized Instruction

**Procedure:**

* Bell Work Quiz.
* Students will be given a study which will be similar to their test. The study guide includes all 5 mathematical standards covered throughout the year.
* Students will work on this study guide for the remainder of the period and I will be available to assist students.

**Assessment:**

* Informal and both Formal individualized and small group assessment, Informal whole group assessment.
* Homework: Finish first 4 sides of Study Guide.