Weekly Lesson Plans

WIDA Content and Language Objectives

Mr. Wilkie-7th-Grade Mathematics

Dec. 3rd - 7th, 2018	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Content Objective	SW demonstrate **comprehension of inequalities by solving for variables and placing solutions (2-Step) on a number-line** in a graphic organizer. *Majority of students will successfully complete table and receive full credit*	Students will demonstrate comprehension of **Surface Area and Volume of Rectangular Prisms** by practicing problems in math notebook. *Majority of students will show general undertanding and show all work.*	Students will demonstrate **analysis of SA and Volume of Prisms** by working on **Mathematical Investigation 1.2** (Building Boxes).	Students will demonstrate comprehension of **Volume and Surface Area of Triangular Prisms** by practicing problems in math notebook. *Majority of students will show general undertanding and show all work.*	SW demonstrate **analysis of volume and surface area by using the 4-Step Problem Solving Strategy in a real-world problem.** and *completing all 4 steps successfully using the correct format*.
Language Objective	SW ***use a <u>Type 2 Writing solving</u> areas of rectangles, squares and triangles.***	Students will write and apply two rectangular prism equations: **SA = Area of 6 faces added together. V = L x W x H**	SW complete **anticipatory sentence stems** relating to surface area, volume, and rectangular prisms.	Students will do a **Type 1 Writing** (Prewriting) sharing prior knowledge on Triangular Prisms	SW complete ***4-Step using the Collins Format: Understand and collect data, Solve, Restate Solution***.
Weekly Vocabulary	algorithm, commutative property,, rational number, product, quotient, sum, difference, variable and computation, inequalities, integer.	Area, Perimeter, Volume, Surface Area, Length, Width, Height, 3-D, 2-D, Equations	Area, Perimeter, Volume, Surface Area, Length, Width, Height, 3-D, 2-D, Equations	Area, Perimeter, Volume, Surface Area, Length, Width, Height, 3-D, 2-D, Equations	Area, Perimeter, Volume, Surface Area, Length, Width, Height, 3-D, 2-D, Equations
CCS Covered and short description	7.EE.B.4b. Solve word problems leading to inequalities of the form px + q > r or px + q < r,	7,G.B.6 Solve Real-World Problems with Volume and SA	7,G.B.6 Solve Real-World Problems with Volume and SA	7,G.B.6 Solve Real-World Problems with Volume and SA	7,G.B.6 Solve Real-World Problems with Volume and SA

Monday: Inequalities areas of squares/rectangles **Tues:** Surface Area-rectangular prism **Wed**: Building Boxes 1.2 **Thurs:** Triangular Prisms
Fri: 4-Step Volume and SA