Weekly Lesson Plans

WIDA Content and Language Objectives

Mr. Wilkie-7th-Grade Mathematics

Jan. 14th-18th, 2019	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Content Objective	Students will demonstrate comprehension of **Volume and Surface Area of Triangular Prisms** by practicing problems in math notebook. *Majority of students will show general understanding 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*.	SW demonstrate **analysis of areas and circumferences of circles** by estimating areas and distance around circles.*SW be within 10 units squared of the actual area of the circles.*	Students will demonstrate **application of circumferences of circles** by using the following equation: **C=∏d** *and successfully completing problems in math notebook for general understanding.*	Students will demonstrate **application of areas of circles** by using the following equation: **C=∏ x r^2** *and successfully completing problems in math notebook for general understanding.*
Language Objective	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***.	SW write and orally share their strategies finding the area of circles Lab-sheet.	Students will complete the following stem: **The circumference of a circle is always _____ times the diameter.**	Students will complete a Type 1 Writing:: **<u>How does a circle compare to a square when comparing the areas</u>?**
Weekly Vocabulary	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	Circle, Pi, Circumference, Area, Diameter, Radius. Circumference equation, Area equation	Circle, Pi, Circumference, Area, Diameter, Radius. Circumference equation, Area equation	Circle, Pi, Circumference, Area, Diameter, Radius. Circumference equation, Area equation
CCS Covered and short description	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.4 Know formulas for areas and circumference of circles and apply them.	7.G.B.4 Know formulas for areas and circumference of circles and apply them.	7.G.B.4 Know formulas for areas and circumference of circles and apply them.

Monday: Triangular Prisms **Tuesday**: 4-Step Vol and SA **Wed:** Estimating Circle **Thursday**: Equations of Circles **Friday**: Equations - con't