

Weekly Lesson Plans
WIDA Content and Language
Objectives
Strong Middle School

Mr. Wilkie
7th-Grade Math

April 24th-28th, 2017	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	SW demonstrate analysis of volume and surface area by completing real world problem using the 4-Step Problem solving strategy (various prisms) .	SW demonstrate comprehension of area and circumference of circles by estimating areas and distance around circles.	Students will demonstrate comprehension of circumference of circles by using the following equation: $C = \pi d$	Students will demonstrate comprehension of circles by finding the area and circumferences of various circles.	SW demonstrate application of numerous mathematical standards by reviewing for MSTEP and NWEA testing.
Language Objective	Collins Writing with specific FCAs. Step 4 involves restating and making sense of 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 write and verbally identify parts of a circle on a sketch that they create.	SW write and share solutions to review questions with group and the entire class
Weekly Vocabulary	Volume, Surface Area, L x W, 3-D, Face, Edge, Vertices	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	Multiple mathematical vocabulary
CCS covered and Strand	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.	Multiple Mathematical Standards

Monday: 4-Step Volume and Surface Area Tuesday: Circle Labsheet Wed: Circumference of Circles
Thurs: Area and Circumference Friday: MStep and NWEA Review

Possible warmup problem each day doing MStep Review.