



WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: Nkechi Chuke-Oweina

Subject: Geometry PREAP

Week of: 03 –07 Mar	Monday	Tuesday	Wed./Thurs.	Friday
TEKS	G.11.A	G.11.A	G.11.A	G.11.A
Learning Objective	Students will be able to apply the volume formula for cylinders, cones, and spheres.	Students will be able to find the volume of similar figures. They will be able to use the ratio of between the figures to solve for a missing variable.	Students will be able to apply the volume formula for composite and revolving figures.	Students will be able to demonstrate mastery on Test #14.
Higher Order Thinking Questions	What methods can be used to apply volume formulas for cylinders, cones, and spheres in problem-solving?	What methods can be used to find the volume of similar figures?	How can volume formulas be applied to composite and revolving figures?	How can mastery of previously learned concepts be demonstrated in the unit assessment?
Agenda	1. Do Now: None 2. Direct Instruction: Notes for Volume of Cylinders, Cones, and Spheres from Topic 14 – Volume Packet. 3. Practice: Students will complete problems Volume of Cylinders, Cones, and Spheres from topic 14. 4. DOL	1. Do Now: None 2. Direct Instruction: Notes for Volume of Similar Figures from Topic 14 – Volume Packet. 3. Practice: Students will complete problems for Volume of Similar Figures from topic 14. 4. DOL	1. Do Now: None 2. Direct Instruction: Notes for Volume of Composite and Revolving Figures from Topic 14 – Volume Packet. 3. Practice: Students will complete problems for Volume of Composite and Revolving Figures from topic 14. 4. DOL	1. Do Now: None 2. Direct Instruction: Test #14 3. Practice: None 4. DOL: Test #14
Demonstration of Learning	Given a set of problems, students will correctly solve <u>Volume of Cylinders, Cones, and Spheres</u> problems in at	Given a set of problems, students will correctly solve <u>Volume of Similar Figures</u> problems in at least 4 of 5	Given a set of problems, students will correctly solve <u>Composite and Revolving Figures</u> problems in at least 4 of	Given a set of problems, students will correctly solve questions on <u>Test #14</u> with at least 80% answered correctly.

	least 4 of 5 questions.	questions.	5 questions.	
Intervention & Extension	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy 	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy 	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy 	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy
Resources	Notebook, writing utensil, laptop, and packet material.	Notebook, writing utensil, laptop, and packet material.	Notebook, writing utensil, laptop, and packet material.	Notebook, writing utensil, laptop, and packet material.