WESTSIDE HIGH SCHOOL

Level Up: RISE to Your Potential

24-25 Lesson Plan Template Teacher: Nkechi Chuke-Oweina Subject: Geometry Prep

Week of: DATE	**Monday** May 5, 2025	**Tuesday** May 6, 2025	**Wed./Thurs.** May 7 & May 8, 2025	**Friday** May 9, 2025
TEKS	GEOM.11D GEOM.10B	Various	Various	GEOM. 13C
Learning Objective	SWBAT apply the formulas for the volume of composite figures and determine how changes in linear dimensions affect the volume.	SWBAT review previously learned concepts and clarify misconceptions in the test review.	SWBAT demonstrate concepts mastery on the unit assessment.	SWBAT identify whether two events are independent and compute the probability of the two events occurring together with or without replacement.
Higher Order Thinking Questions	How do you solve for the volume of composite 3D figures, and what are the effects of proportional and non-proportional dimension changes to volume?	How can misconceptions in previously learned concepts clarified in the test review?	How can previously learned concepts be applied in the unit assessment?	When are two events considered independent or dependent, and how is the probability of the two events occurring together with or without replacement calculated?
Agenda	1. Do Now	1. Do Now 2. Review 3. DOL	1. Finish Review 2. Unit Assessment	1. Do Now

	2. Lesson – Effects of Changes in Dimensions to Volume - We will explore the effects of proportional and non-proportional dimension changes to volume. - We will have opportunities to practice solving problems using the appropriate units of measure. 3. DOL – Independent Practice		3. Make up missing assignments	2. Lesson - Probability of Dependent & Independent Events - Today we will learn how to solve for the **probability** of two **independent** and **dependent** events with or without replacement. - We will have opportunities to practice calculating for the probability of independent events.
Demonstration of Learning	Given 5 problems, students will correctly apply the formulas for the volume of composite figures and determine how changes in linear dimensions affect the volume. in 4 of 5 problems.	Given review questions, students will correctly apply previously learned concepts in at least 80% of the questions.	Given assessment questions, students will correctly apply previously learned concepts in at least 80% of the questions.	Given 5 problems, students will correctly identify whether two events are independent and compute the probability of the two events occurring together with or without replacement in 4 of 5 problems.
Intervention & Extension	Completed notes for the unit posted on canvas. Video notes posted on canvas. Activity to practice concepts learned during the class.	Completed notes for the unit posted on canvas. Video notes posted on canvas. Activity to practice concepts learned during the class.	Completed notes for the unit posted on canvas. Video notes posted on canvas. Activity to practice concepts learned during the class.	Completed notes for the unit posted on canvas. Video notes posted on canvas. Activity to practice concepts learned during the class.
Resources	straightedge, blank paper, whiteboard, response	straightedge, blank paper,	straightedge, blank paper, whiteboard, response	straightedge, blank paper, whiteboard, response

	cards, slide deck, student activity pages	whiteboard, response cards, slide deck, student activity pages	cards, slide deck, student activity pages	cards, slide deck, student activity pages