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** **March 17, 2025**	**Tuesday** **March 18, 2025**	**Wed./Thurs.** **March 19 & 20, 2025**	**Friday** **March 21, 2025**
TEKS	GEOM.11B	GEOM.11B	GEOM.11B	GEOM.11B
Learning Objective	SWBAT determine the area of composite two-dimensional figures comprised of a combination of triangles, parallelograms, to solve problems using appropriate units of measure.	SWBAT determine the area of composite two-dimensional figures comprised of a combination of triangles, parallelograms, to solve problems using appropriate units of measure.	SWBAT determine the area of composite two-dimensional figures comprised of a combination of trapezoids and kites to solve problems using appropriate units of measure.	SWBAT determine the area of composite two-dimensional figures comprised of a combination of regular polygons or sectors of circles to solve problems using appropriate units of measure.
Higher Order Thinking Questions	How do we solve for the area of composite two-dimensional figures?	How do we solve for the area of composite two-dimensional figures?	How do we solve for the area of composite two-dimensional figures comprised of trapezoids and kites?	How do we solve for the area of composite two-dimensional figures comprised of regular polygons and circular sectors?
Agenda	1. Do Now	1. Do Now	1. Do Now	1. Do Now

	2. Lesson – Area of Composite Figures – Parallelograms and Triangles - Recall how to find the area of parallelograms and triangles. - Solve for the area of composite figures. - Solve for the area of regular polygons using triangles. - Practice solving for the area of composite figures. 3. DOL- Independent Practice	2. Lesson – Area of Composite Figures – Parallelograms and Triangles - Recall how to find the area of parallelograms and triangles. - Solve for the area of composite figures. - Solve for the area of regular polygons using triangles. - Practice solving for the area of composite figures. 3. DOL- Independent Practice	2. Lesson – Area of Composite Figures - Kites and Trapezoids - Solve for the area of trapezoids. - Solve for the area of kites. - Solve for the area of composite figures comprised of kites, trapezoids and others. - Practice solving for the area of composite figures. 3. DOL- Independent Practice	2. Lesson – Area of Composite Figures - Regular Polygons and Sectors of Circles. - Solve for the area of composite figures with sectors. - Solve for the area of composite figures with sectors with shaded and unshaded sections. - Perimeter and apothem of regular polygons. - Interior angles of regular polygons - Solve for the area of composite figures with sectors and regular polygons. 3. DOL- Independent Practice
Demonstration of Learning	Given 5 problems, students will correctly determine the area of composite two-dimensional figures comprised of a combination of triangles, parallelograms, to solve 4 of 5 problems using appropriate units of measure.	Given 5 problems, students will correctly determine the area of composite two-dimensional figures comprised of a combination of triangles, parallelograms, to solve 4 of 5 problems using appropriate units of measure.	Given 5 problems, students will correctly determine the area of composite two-dimensional figures comprised of a combination of trapezoids and kites to solve 4 of 5 problems using appropriate units of measure.	Given 5 problems, students will correctly determine the area of composite two-dimensional figures comprised of a combination of regular polygons or sectors of circles to solve 4 of 5 problems using appropriate units of measure.

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 cards, slide deck, student activity pages	straightedge, blank paper, whiteboard, response cards, slide deck, student activity pages	straightedge, blank paper, whiteboard, response cards, slide deck, student activity pages	straightedge, blank paper, whiteboard, response cards, slide deck, student activity pages