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 24, 2025**	**Tuesday** **March 25, 2025**	**Wed./Thurs.** **March 26 & 27, 2025**	**Friday** **March 28, 2025**
TEKS	GEOM.11B	Various	Various	GEOM.9B
Learning Objective	SWBAT review circle concepts and apply the concepts to solve problems in preparation for the next assessment.	SWBAT review previously learned concepts and clarify misconceptions in the test review.	SWBAT demonstrate concepts mastery on the unit assessment.	SWBAT apply the relationships in 30º-60º-90º and 45º-45º-90º triangles and the Pythagorean Theorem, including Pythagorean triples, to solve area problems.
Higher Order Thinking Questions	How can circle concepts be applied in solving real world problems?	How can misconceptions in previously learned concepts clarified in the test review?	How can previously learned concepts be applied in the unit assessment?	How do we solve for the area of polygons that requires the application of the Pythagorean theorem or side ratios of special right triangles?
Agenda	1. Do Now 2. Lesson – Review of Circles	1. Do Now 2. Test Review 3. DOL – Independent Practice	1. Finish Review 2. Unit Assessment 3. Make up missing assignments	1. Do Now 2. Lesson – Solve Area of Polygons with The Application of the Special

	3. DOL- Independent Practice			Right Triangles or the Pythagorean Theorem. - Review and apply the Pythagorean Theorem. - Review and apply how to find missing side lengths using the side ratio of special right triangles such as **45º-45º-90º and 30º-60º-90º.** - Solve area of polygons with the application of special right triangles side ratios. - Practice solving area of polygons with the application of the side ratios of special right triangles. 3. DOL- Independent Practice
Demonstration of Learning	Given 5 problems, students will correctly apply circle concepts to solve at least 4 of 5 problems.	Given review questions, students will correctly apply previously learned concepts in at least 80% of the questions. t	Given assessment questions, students will correctly apply previously learned concepts in at least 80% of the questions.	Given 5 problems, students will correctly apply the relationships in 30º-60º-90º and 45º-45º-90º triangles and the Pythagorean Theorem, including Pythagorean triples, to solve 4 of 5 area problems using appropriate units of measure.
Intervention & Extension	Completed notes for the unit posted on canvas. Video notes posted on canvas. Activity to practice	Completed notes for the unit posted on canvas. Video notes posted on canvas. Activity to practice		Completed notes for the unit posted on canvas. Video notes posted on canvas. Activity to practice

	concepts learned during the class.	concepts learned during the class.		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