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 Feb	**Monday**	**Tuesday**	**Wed./Thurs.**	**Friday**
TEKS	Various	G.12.C	G.12.D	G.11.A
Learning Objective	Students will be able to demonstrate mastery on Test #12.	Students will be able to analyze and solve problems using the circumference, arc length, and area of a circle.	Students will be able to analyze and solve problems using the circumference, arc length, and area of a circle.	Students will be able to analyze and solve problems for the area of polygons by using the apothem and radius.
Higher Order Thinking Questions	How can area formulas be applied to various polygons?	How can circumference, arc length and area of circle be applied to solve problems?	How can circumference, arc length and area of circle be applied to solve problems?	How can circumference, arc length and area of circle be applied to solve problems?
Agenda	1. Do Now: None 2. Direct Instruction: Test #12 3. Practice: None 4. DOL: Test #12	1. Do Now 2. Direct Instruction: Notes for Circumference and Arc Length / Area of Circles and Sectors from Topic 11 – Arcs, Sectors and Regular Polygons Packet. 3.Students will complete Problems from topic 11. 4. DOL	1. Do Now 2. Direct Instruction: Notes for Circumference and Arc Length / Area of Circles and Sectors from Topic 11 – Arcs, Sectors and Regular Polygons Packet. 3.Students will complete Problems from topic 11. 4. DOL	1. Do Now: None 2. Direct Instruction: Notes for Area of Regular Polygons from Topic 11 – Arcs, Sectors and Regular Polygons Packet. 3.Students will complete Problems from topic 11. 4. DOL
Demonstration of Learning	Given a set of problems, students will correctly solve questions on Test #12 with at least 80% answered correctly.	Given a set of problems, students will correctly solve Arc Length problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve Area of Circles and Sectors problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve Area of regular Polygons problems in at least 4 of 5 questions.

Intervention & Extension	• Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy	• Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy	• Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy	• 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.	Calculator, pencil and test.