WESTSIDE HIGH SCHOOL
Level Up: RISE to Your Potential

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

Week of: 27 – 31 Jan	Monday	Tuesday	Wednesday/Thursday	Friday
TEKS	G.9.A	G.9.A	G.9.A	G.9.A
Learning Objective	Students will be able to solve for the area of different parallelograms and triangles.	Students will be able to solve for the area of rhombus, kite, and trapezoids.	Students will be able to apply area concepts with special right triangles and trigonometry.	Students will be able to apply area concepts of figures on a coordinate plane.
Higher Order Thinking Questions	What are the area formulas of parallelograms and triangles?	What are the area formulas of rhombus, kite, and trapezoid?	How can area concepts be applied with special right triangles and trigonometry?	How can area concepts be applied with of figures on a coordinate plane?
Agenda	1. Do Now 2. Direct Instruction: Notes for area of parallelograms and triangles from Topic 13 – Area Packet. 3. Practice: Problems for area of parallelograms and triangles. 4. DOL 5. Formula Quiz #1	1. Do Now 2. Direct Instruction: Notes for area of rhombus, kite, and trapezoids from Topic 13 – Area Packet. 3. Practice: Problems for area of trapezoid, rhombus and kite. 4. DOL	1. Do Now 2. Direct Instruction: Notes for area practice with special right triangles and trigonometry from Topic 13 – Area Packet. 3. Practice: Problems For area concepts with special right triangles and trigonometry. 4. DOL	1. Do Now 2. Direct Instruction: Notes for area of figures on a coordinate plane from Topic 13 – Area Packet. 3. Practice: Problems For area concepts of figures on a coordinate plane. 4. DOL 5. Quiz - Area
Demonstration of Learning	Given a set of problems, students will correctly solve area of parallelograms and triangles problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve area of trapezoid, rhombus and kite problems in at least 4 of 5 questions.	Given a set of problems, students will correctly apply area concepts with special right triangles and trigonometry in at least 4 of 5 questions.	Given a set of problems, students will apply area concepts of figures on a coordinate plane 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.	Notebook, writing utensil, laptop, and packet material.