



WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: Nkechi Chuke-Oweina

Subject: Geometry PREAP

Week of: 6 – 10 Jan	Monday	Tuesday	Wed./Thurs.	Friday
TEKS		G.9.A	G.9.A	G.9.A
Learning Objective	No school for Students	Students will be able to apply sine, cosine, and tangent to write trigonometry ratios and solve for the side lengths of right triangles.	Students will be able to apply sine, cosine, and tangent to write trigonometry ratios and solve for the side lengths of right triangles.	Students will be able to apply sine, cosine, and tangent to write trigonometry ratios and solve for the side lengths of right triangles.
Higher Order Thinking Questions		What are trigonometric ratios?	What are trigonometric ratios?	What are trigonometric ratios?
Agenda		1. Do Now 2. Direct Instruction: Notes for Trigonometry (Sine, Cosine, and Tangent) from Topic 10B – Trigonometry Packet. 3. Students will complete Problems from topic 10B (Sine, Cosine, and Tangent). 4. DOL	1. Do Now 2. Direct Instruction: Notes for Trigonometry (Sine, Cosine, and Tangent) from Topic 10B – Trigonometry Packet. 3. Students will complete Problems from topic 10B (Sine, Cosine, and Tangent). 4. DOL	1. Do Now 2. Direct Instruction: Notes for Trigonometry (Sine, Cosine, and Tangent) from Topic 10B – Trigonometry Packet. 3. Students will complete Problems from topic 10B (Sine, Cosine, and Tangent). 4. DOL
Demonstration of Learning		Given a set of problems, students will correctly solve <u>Trigonometry ratio</u> problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve <u>Trigonometry ratio</u> problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve <u>Trigonometry ratio</u> problems in at least 4 of 5 questions.

Intervention & Extension	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy 	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy 	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy 	<ul style="list-style-type: none"> • Lunch Tutorials • Re-Teach • Canvas page • Delta Math / Khan Academy
Resources	Notebook, writing utensil, laptop, and packet material.			