



# WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: Nkechi Chuke-Oweina

Subject: Geometry PREAP

Week of: 13 – 17 Jan	Monday	Tuesday	Wed./Thurs.	Friday
<b>TEKS</b>	G.9.A	G.9.A	G.9.A	G.9.A
<b>Learning Objective</b>	Students will be able to use trigonometry, angle of elevation, and angle of depression to find horizontal distances and vertical heights of right triangles.	Students will be able to use trigonometry, angle of elevation, and angle of depression to find horizontal distances and vertical heights of right triangles.	Students will be able to use trigonometry, angle of elevation, and angle of depression to find horizontal distances and vertical heights of right triangles.	Students will be able to demonstrate mastery on Test #11.
<b>Higher Order Thinking Questions</b>	What is angle of elevation and angle of depression, and how can we use their concepts along with trigonometry to solve real-world problems?	What is angle of elevation and angle of depression, and how can we use their concepts along with trigonometry to solve real-world problems?	What is angle of elevation and angle of depression, and how can we use their concepts along with trigonometry to solve real-world problems?	What is angle of elevation and angle of depression, and how can we use their concepts along with trigonometry to solve real-world problems?
<b>Agenda</b>	<ol style="list-style-type: none"> <li>1. Do Now</li> <li>2. Direct Instruction: Notes for angle of elevation, and angle of depression from Topic 10B – Trigonometry Packet.</li> <li>3. Practice: Problems for angle of elevation, and angle of depression from Topic 10B – Trigonometry.</li> <li>4. DOL</li> </ol>	<ol style="list-style-type: none"> <li>1. Do Now</li> <li>2. Direct Instruction: Notes for angle of elevation, and angle of depression from Topic 10B – Trigonometry Packet.</li> <li>3. Practice: Problems for angle of elevation, and angle of depression from Topic 10B – Trigonometry.</li> <li>4. DOL: Quiz: Trigonometry.</li> </ol>	<ol style="list-style-type: none"> <li>1. Do Now</li> <li>2. Direct Instruction: Notes for angle of elevation, and angle of depression from Topic 10B – Trigonometry Packet.</li> <li>3. Practice: Problems for angle of elevation, and angle of depression from Topic 10B – Trigonometry.</li> <li>4. DOL</li> </ol>	<ol style="list-style-type: none"> <li>1. Do Now: None</li> <li>2. Direct Instruction: Test #11</li> <li>3. Practice: None</li> <li>4. DOL: Test #11</li> </ol>

<b>Demonstration of Learning</b>	Given a set of problems, students will correctly solve Angle of Elevation and Depression problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve Angle of Elevation and Depression problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve Angle of Elevation and Depression problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve questions on Test #11 with at least 80% answered correctly.
<b>Intervention &amp; Extension</b>	<ul style="list-style-type: none"> <li>• Lunch Tutorials</li> <li>• Re-Teach</li> <li>• Canvas page</li> <li>• Delta Math / Khan Academy</li> </ul>	<ul style="list-style-type: none"> <li>• Lunch Tutorials</li> <li>• Re-Teach</li> <li>• Canvas page</li> <li>• Delta Math / Khan Academy</li> </ul>	<ul style="list-style-type: none"> <li>• Lunch Tutorials</li> <li>• Re-Teach</li> <li>• Canvas page</li> <li>• Delta Math / Khan Academy</li> </ul>	<ul style="list-style-type: none"> <li>• Lunch Tutorials</li> <li>• Re-Teach</li> <li>• Canvas page</li> <li>• Delta Math / Khan Academy</li> </ul>
<b>Resources</b>	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.