



# WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: Nkechi Chuke-Oweina

Subject: Geometry PREAP

Week of: 17 –21 Mar	Monday	Tuesday	Wed./Thurs.	Friday
<b>TEKS</b>	G.11.C	G.11.C	G.11.C	G.11.C
<b>Learning Objective</b>	Students will be able to find the surface area of Prisms.	Students will be able to find the surface area of Pyramids.	Students will be able to find the surface area of Cones, cylinders and Spheres.	Students will be able to find the surface area of Prisms, Pyramids, Cones, cylinders and Spheres.
<b>Higher Order Thinking Questions</b>	How can the formula for surface area of prisms be applied to solve problems?	How can the formula for surface area of pyramids be applied to solve problems?	How can the formulas for surface area of cones, cylinders and spheres be applied to solve problems?	How can the formulas for surface area of prisms, pyramids, cones, cylinders and spheres be applied to solve problems?
<b>Agenda</b>	<ol style="list-style-type: none"> <li>1. Do Now: None</li> <li>2. Direct Instruction: Notes for Surface Area of Prisms from Topic 14B – Surface Area Packet.</li> <li>3. Practice: Students will complete problems for Surface area of Prisms.</li> <li>4. DOL</li> </ol>	<ol style="list-style-type: none"> <li>1. Do Now: None</li> <li>2. Direct Instruction: Notes for Surface Area of Pyramids from Topic 14B – Surface Area Packet.</li> <li>3. Practice: Students will complete problems for Surface area of Pyramids.</li> <li>4. DOL</li> </ol>	<ol style="list-style-type: none"> <li>1. Do Now: None</li> <li>2. Direct Instruction: Notes for Surface Area of Cones, cylinders and Spheres from Topic 14B – Surface Area Packet.</li> <li>3. Practice: Students will complete problems for Surface area of Cones, cylinders and Spheres.</li> <li>4. DOL</li> </ol>	<ol style="list-style-type: none"> <li>1. Do Now: None</li> <li>2. Direct Instruction: Notes for Surface Area of all shapes from Topic 15 – Surface Area Packet.</li> <li>3. Practice: Students will complete problems for Surface area of all shapes from topic 14B.</li> <li>4. DOL</li> <li>5. Quiz: Surface Area</li> </ol>
<b>Demonstration of Learning</b>	Given a set of problems, students will correctly solve Surface area of Prisms problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve Surface area of Pyramids problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve Cones, cylinders and Spheres problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve Surface Area problems in at least 4 of 5 questions.

<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.			