



# WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: Nkechi Chuke-Oweina

Subject: Geometry PREAP

Week of: 12 May–16 May	Monday	Tuesday	Wed./Thurs.	Friday
TEKS	G.12.A	G.12.A	G.12.A	G.12.A
Learning Objective	Students will be able to solve contextual problems using permutations and combinations.	Students will be able to determine probabilities compound probability to solve contextual problems.	Students will be able to use conditional probability to solve contextual problems.	Students will be able to use conditional probability to solve contextual problems.
Higher Order Thinking Questions	How are probability permutations and combinations applied in problem solving?	How are compound probability concepts applied in problem solving?	How are conditional probability concepts applied in problem solving?	How are conditional probability concepts applied in problem solving?
Agenda	1. Do Now: None 2. Direct Instruction: Notes for permutations and combinations from Topic 15 – Probability Packet. 3. Practice: Students will complete problems for permutations and combinations. 4. DOL	1. Do Now: None 2. Direct Instruction: Notes for compound probability from Topic 15 – Probability Packet. 3. Practice: Students will complete problems for compound probability. 4. DOL	1. Do Now: None 2. Direct Instruction: Notes for conditional probability from Topic 15 – Probability Packet. 3. Practice: Students will complete problems for conditional probability. 4. DOL 5. Quiz Probability	1. Do Now: None 2. Direct Instruction: Notes for conditional probability from Topic 15 – Probability Packet. 3. Practice: Students will complete problems for conditional probability. 4. DOL
Demonstration of Learning	Given a set of problems, students will correctly solve at least 4 of 5 <u>Permutations and Combinations</u> questions.	Given a set of problems, students will correctly solve at least 4 of 5 <u>Compound Probability</u> questions.	Given a set of problems, students will correctly solve <u>Conditional Probability</u> problems in at least 4 of 5 questions.	Given a set of problems, students will correctly solve <u>Conditional Probability</u> 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.	Notebook, writing utensil, laptop, and packet material.	Notebook, writing utensil, laptop, and packet material.	Notebook, writing utensil, laptop, and packet material.