

# UNIT 12- LESSON PLANS

**Class** Algebra 1    **Topic** U12 - Permutations and Combinations    **Lesson** 6    **Of** 8

<b>Objective</b>	Students will:
	<ul style="list-style-type: none"><li>• Understand the probability of chance;</li><li>• Identify the the difference between combination and permutation; and</li><li>• Solve problem involving permutation and combination.</li></ul>
<b>"I Can" Statement</b>	I can understand the concept chance and solve problem involving permutation and combination .

<b>Common Core Standards</b>	<a href="#">CCSS.Math.Content.7.SP.C.6</a> Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the probability. <i>For example, when rolling a number cube 600 times, predict that a 3 or 6 would be rolled roughly 200 times, but probably not exactly 200 times.</i>
	<a href="#">CCSS.Math.Content.7.SP.C.5</a> Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.

**Bell Work**      See Bell Work 12-6

<b>Procedures</b>	1. Start and lead student discussion related to the bell work.
	2. Distribute the Guided Notes
	3. Present a lesson or play a video lesson.
	4. Use an Online Activity if time permitted.
	5. Distribute Lesson Assignment.

<b>Assessment</b>	Bell Work 12-6
	Assignment 12-6
	Exit Quiz 12-6

**Additional Resources**      See Online Activities

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