

Grade 12

Distance Learning Module 7: Week of: May 18th – May 22nd

Statistics - Level 2 - Modified from [Unit C: Chance](#)

Targeted Goals from Stage 1: Represent and interpret patterns in numbers, data and objects, demonstrate fluency with math facts, computation and concepts, justify reasoning using clear and appropriate mathematical language.

Content Knowledge: Find probability using simulation and binomial setting, compare the two outcomes.

Vocabulary: experimental, theoretical probability, simulation, binomial setting

Skills: simulation on sheets, binomial setting, comparison of experimental and theoretical probability

Expectation: Students will be able to examine information/data/evidence to make inferences and identify possible underlying assumptions, patterns, and relationships.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: combinatorics and probability	Slide ch 8, KA combinations and probability video, KA selecting officers problem	KA probability test
Tuesday: permutations: Unuit C PBA	Slide ch 8, Unit C PBA: Experimental vs Theoretical	Topic Selection submitted (stage I)
Wednesday: permutations	Slide ch 8, Unit C PBA: Experimental vs Theoretical	do simulation
Thursday: combinations	Slide ch 8, Unit C PBA: Experimental vs Theoretical	submit simulation for review (stage II)
Friday: combinations	Slide ch 8, Unit C PBA: Experimental vs Theoretical	submit progress on simulation (stage II)

Week criteria for success (attach student checklists or rubrics): completed KA practice, stage 1 and 2 complete in PBA, stage 3 started

Supportive resources and tutorials for the week (plans for re-teaching): notes and attached videos in the slides:videos linked, Slide ch 8