

Grade 12

Distance Learning Module 6: Week of: May 11th – May 15th

Mathematics: Statistics Level 3 - [Unit A: Introduction to Single Variable Statistics](#)

Targeted Goals from Stage 1: Desired Results: Analyzing: Students will be able to examine information/data/evidence to make inferences and identify possible underlying assumptions, patterns, and relationships.

Content Knowledge: solve problems involving standard normal distributions using geogebra software

Vocabulary: z-scores (standard scores), normal curve, probability

Skills: Beyond the empirical rule, finding areas under the normal curve, find z-scores that relate to percentiles, shading the area under the curve

Expectation: Students will be able to use technology to solve problems relating to proportions of the normal distribution

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: standard normal distributions (beyond the empirical rule)	Slide 38-41, standard normal distributions in geogebra video, on geogebra.org classic # probability	beyond empirical 1, BA 1 ans
Tuesday: non-standard normal distributions (beyond the empirical rule)	Slide 42-45 on geogebra.org/classic # probability	Khan Academy problems
Wednesday: non-standard normal distributions (beyond the empirical rule)	Slide 42-25, o geogebra.org, classic # probabilityo	beyond empirical 3, BE 4, BA 3 ans, 4 ans
Thursday: Finding a z-score for a percentile	Slide 46-47, Khan Academy video, on geogebra.org, classic # probability	beyond empirical 5, BE 5 ans,
Friday: Mixed distribution problems	Slide 38-47	BE 6, BE 6 ans

Week criteria for success (attach student checklists or rubrics): watch assigned videos, complete assigned practice problems with success

Supportive resources and tutorials for the week (plans for re-teaching): live sessions, geogebra, notes ch 3