

Grade 12

Distance Learning Module 2 4/6-4/10

Week of: April 6, 2020

### 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:** graphing, spreadsheets, graphing tools in Sheets, calculating single variable statistics

**Vocabulary:** circle graph, bar chart, line plot, single variable statistics, box plot

**Skills:** create graphs to represent a distribution

**Expectation:** Students will be able to create graphs to represent a distribution and transfer that learning to their PBA.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Circle graphs/bar graphs, line plots	notes ch 1 and 2, slides 15 and 16, pie graph Khan Academy	Reflection prompt 6: Are bar graphs the same as histograms?
Tuesday: Single variable statistics	notes ch 1 and 2 slide 18, class video	Calculate single variable statistics for your PBA on Sheets.
Wednesday: box plots	notes ch 1 and 2 slide 7, 8 Khan Academy video, box plot game	Create a box plot for your PBA data. You can use the box plot generator.
Thursday: Distributions of data: frequency tables and histograms (online class/video)	notes ch 1 and 2 slides 21, 22, KA video,	Create a histogram for your PBA on Sheets
Friday: no school		

**Week criteria for success** (attach student checklists or rubrics): Stage 2 PBA progress

**Supportive resources and tutorials for the week** (plans for re-teaching): PBA samples, notes ch 1 and 2.