Grade 7
Distance Learning Module 8: Week of: May 26th – May 29th

Grade 7 PreAlgebra- *Modified from [Unit E - Probability and Statistics](#)*

Content Knowledge:

CCSS.MATH.CONTENT.7.SP.B.3 informally assesses the degree of visual overlap of two numerical data distributions with similar variabilities, measuring the difference between the centers by expressing it as a multiple of a measure of variability. For example, the mean height of players on the basketball team is 10 cm greater than the mean height of players on the soccer team, about twice the variability (mean absolute deviation) on either team; on a dot plot, the separation between the two distributions of heights is noticeable.

CCSS.MATH.CONTENT.7.SP.B.4 Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations. For example, decide whether the words in a chapter of a seventh-grade science book are generally longer than the words in a chapter of a fourth-grade science book.
Vocabulary: mean, median, mode, range, box and whiskers, outliers, interquartile range, central tendency, variability

Skills: 1) Find the mean, median, mode and range of a set of data
2) Find the interquartile range of a set of data
3) Create and read a box and whisker plot
4) Compare and contrast two sets of data in terms of central tendency and spread

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday:	Memorial Day	No School
Tuesday: Review Mean, Median, Mode, Range 1) Read Notes 2) Do at least #1,2,3,4,12 of practice material	Notes for Review of Mean, Median, Mode and Range Practice Material - Color by Number with Answer Key (at least do: #1,2,3,4,12) Online Practice (optional)	Teacher will check Khan Academy assignment

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
3) Answer Khan Academy Practice Problems	Practice Problems on Khan Academy	
Wednesday: Intro to Box and Whisker Plots 1) Watch Video 2) Complete Practice Worksheet 3) do optional online practice 4) Answer Khan Academy Practice Problems	Intro to Box and Whisker Plots (Video)(2 examples) Practice Reading and Making a Box and Whisker Plot with Answer Key Online Practice Reading a Box and Whisker Plot (optional) Practice Problems on Khan Academy - reading Box and Whisker Plots	Teacher will check Khan Academy Assignment
Thursday: Interpreting Box and Whisker Plots 1)Watch video and take notes 2)Answer Khan Academy Practice Problems	Interpreting Box and Whisker Plots Khan Academy Video Take notes during this video. Practice Problems on Khan Academy - Interpreting Quartiles	Teacher will check Khan Academy Assignment
Friday: Comparing Sets of Data 1) Watch Video 2) Do practice problems and check answers 3) Complete googleform	Comparing Sets of Data Video - Learnzillion Practice Problems Optional Practice (just do questions 12-23)(answers are on page5)	Google Form

Week criteria for success (attach student checklists or rubrics):

I will be able to find the mean, median, mode and range of a set of data

I will be able to find the interquartile range of a set of data

I will be able to create and read a box and whisker plot

I will be able to compare and contrast two sets of data

Supportive resources and tutorials for the week (plans for re-teaching):

Additional resources have been linked in the module.

Khan Calculating the Median Practice

Mean, Median, Mode Notes

Comparing Box and Whiskers Practice and Answers