Welcome to AP Statistics!

This is a college level course and there is a lot of content to cover. In order to ensure we complete the content with ample time to prepare for the AP exam, you will be doing Unit 1 this summer via Khan Academy. The first step is to join our Khan Academy AP Statistics class by clicking the link https://www.khanacademy.org/join/85PP7NZ9 or visit www.khanacademy.org/join and enter your class code 85PP7NZ4. Please be sure to sign in with google using your school email account. Please use your full name to create your ID so you earn credit for your work.

You should see your assignments listed and are due: August 28, 2026 8AM. You will need a new spiral notebook or binder for AP Stats use only. Use your notebook to take notes as you watch Khan Academy lesson videos and as you answer the exercises/quiz/test. You are responsible for the vocabulary listed on the next page. If there are words not included in the videos, there are plenty of online sources (including AI) to help you.

Please know that there will be a notebook check for a grade. Be intentional as you work your way through this assignment. The goal is for you to learn the foundational skills needed in the first few units of AP Statistics. The assignments are:

- Exploring Categorical Data
- Exploring One-Variable Quantitative Data: Displaying & Describing
- Exploring One-Variable Quantitative Data: Summary Statistics

I hope that you'll get started on this summer assignment as soon as possible. Some exercises may prove to be more challenging than others and may require more time to complete. This Khan Academy summer assignment will count as a grade and there will be a quiz on this material in the first few days.

I look forward to seeing you in September!

Mrs. Millott

Vocabulary:

the W's

context

data

data table

records

case

variable

units

categorical variable

quantitative variable

frequency table

relative frequency table

distribution

bar chart

pie chart

segmented bar chart

contingency table

marginal distribution

conditional distribution

independence vs. association

mosaic plot

distribution

bins

histogram

relative frequency histogram

stem-and-leaf display

dotplot

shape

center

spread

mode

unimodal

uniform

symmetric

tails

skewed

outliers

mean

median

range

quartile

interquartile range (IQR)

Percentile

5 Number Summary

Boxplot

Resistant

Variance

Standard Deviation