



AP Statistics 2021-2022 SUMMER ASSIGNMENT

Welcome to AP Statistics! This will be a math course unlike any other you have experienced. It will be focused on how we look at and interpret data. This course will prepare you to earn college credit in Statistics, a course which is required for most majors in college today. The skills and concepts you learn here can be applied in most areas of study. The focus of this course will be how well you can use terms, correctly express your thoughts, and justify using mathematical concepts.

The purpose of the summer assignment is to get you off to a strong start by covering the first chapter of the AP Statistics book. This will ensure we have enough time to cover all of the material in the course and have time to review for the AP exam. The first chapter is probably the easiest chapter we will cover, and is mostly a review of concepts you have learned in previous math courses. The AP Statistics vocabulary will probably be new to you.

SUMMER ASSIGNMENT

1. Join our GOOGLE CLASSROOM using class code **evgnqkj**. There you will find an online copy of Chapter 1 of our textbook, *The Practice of Statistics*.
2. Join our KHAN ACADEMY CLASSROOM <https://www.khanacademy.org/join/57M25VPS>
There you will find a number of optional assignments, they will count for a bonus grade in the gradebook. BE SURE TO JOIN KHAN ACADEMY USING YOUR STRATFORD GMAIL ACCOUNT.

TEXTBOOK

1. Read Chapter 1 of the online textbook (do not print it out). Pay careful attention to the examples, the calculator procedures, and AP Exam tips that are located in the margins. There is also a glossary of important terms posted.
2. As you read, complete the Guided Reading Notes. These notes will help you focus on the key concepts and new vocabulary. Note: A copy of the reading notes is on Google Classroom, should you misplace your copy.
3. Complete the following Chapter 1 homework problems, neatly, on a separate piece of paper. **Be prepared to hand these in on the first day of class, as they will be graded.** At times throughout the summer I will post videos to highlight concepts and assist in the completion of each book section.

Sec. Intro: **pp. 6-7: #1, 3, 7, 8**

Sec. 1.1: **pp. 22-23: #19, 21, 25, 27-31**

Sec. 1.2: **pp. 41 - 47: #37, 53, 69 - 74**

Sec. 1.3: **pp. 69 - 73: #79, 81, 91, 107 - 110**

ASSIGNMENT PART II: KHAN ACADEMY

There are online assignments covering Chapter 1 material. If you complete the Khan Academy assignments you will earn an extra grade in the gradebook of 30/30.

NOTE: You will be quizzed on the Chapter 1 material in the first 2 weeks of class.

SUPPLIES:

- I recommend a large binder (2" – 2.5") as I will provide many handouts and notes.
- You will need **your own graphing calculator**. I recommend the TI-83/84 family. (Please see additional page for calculator agreement.) You will have one accessible on your Chromebook, but it will also be essential to have your own.

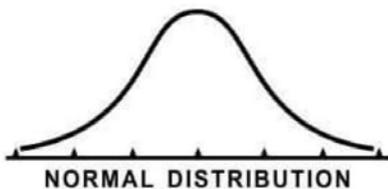
NOTE: THE SUMMER WORK CAN BE COMPLETED WITHOUT A GRAPHING CALCULATOR.

If you have any questions, you can email me at fitzsimmons@stratk12.org.

Note: I am available and check email throughout the summer if you have questions. For those of you who work better with deadlines, I have posted a plan here which gives you two weeks for each assignment.

by July 9th: Finish Intro Assignment
by July 23rd: Finish 1.1 Assignment
by Aug 6th: Finish 1.2 Assignment
by Aug 20th: Finish 1.3 Assignment

My goal is to be prepared with the content, resources, and activities to support your learning and comprehension of the material to earn UConn ECE credit and pass the AP Statistics exam. Please reach out with any questions and be sure to check your email and Google Classroom sites for any updates throughout the summer.



Sincerely,

Mr. Fitz