

# ST. PIUS X ST. MATTHIAS

A C A D E M Y

## Summer Assignment for AP Statistics (Summer 2021)

Welcome to AP Statistics! This course is like none you've ever had before. In Statistics, we combine math, science, reading, and writing into one unique class that will prepare you for college in ways that no other course can. You will be pushed and challenged in this course. The students who see the most success in statistics are the students who are willing to work hard and open their minds to new ideas, regardless of how "good at math" they are. But it is also a fun class – there will be many opportunities for hands-on experiences to enrich course content. The following summer assignment is designed to prepare you for AP Statistics by reviewing some basic content you have seen in previous courses. In order to spend more time during the school year digging into the more advanced AP content and preparing you all for the AP Exam, it is important to do this work over the summer.

There are 5 sections of this summer assignment. You should be able to complete the assignment in about an hour. For your convenience, there are notes and examples for each topic, as well as selected answers on the back so that you can check yourself.

**This assignment will be due the first day of school and will be your first grade of the school year.**

You are certainly encouraged to work with friends on this assignment, but it is NOT to your advantage to simply copy answers without comprehending the material. By the first day of school you are expected to do the following:

1. Print, staple, and complete all parts (1-5) of the AP Statistics Summer Assignment Handout.
  - Note: A graphing calculator is not needed for the summer assignment. Any calculator – including the one on your phone – will suffice.
2. Obtain a TI-83+, TI-84+ or TI-89 Calculator. If you do not already have one, you may...
  - Borrow one from a friend who no longer needs it
  - Purchase your own! New ones are expensive, but a worthwhile investment. Used ones are also available for a much cheaper price on Amazon.

Note: If you have another TI calculator, such as a TI-89 or TI-Nspire, you are permitted to use it. However, you may need to be prepared to have to learn calculator commands on your own!

**If you have any questions about the summer assignment please email Mr. Sett**  
**([wsett@piusmatthias.org](mailto:wsett@piusmatthias.org))**