

AP Statistics Summer 2022 Assignment
Ms. Lodge

Welcome to AP Statistics!

1. Make sure that you have a good working graphing calculator. This is a requirement for AP Statistics. I recommend either TI-84 Plus CE or the TI-Nspire CX. TI-83 will be fine if that's what you have.
2. **Optional: You may get the either Strive for Five in AP Statistics, OR Barron's AP Statistics, 9th edition. These are available on amazon and bookstores. You may use this as extra practice throughout the year to prepare for the AP exam. It is not required this year, but may be helpful. Even though Barron's is easier to find, Strive for Five is nice in that it aligns better with our textbook.
3. Finally, you will need a binder for the class. There will be a lot of handouts and you will have regular homework assignments. A binder is the best way to keep your materials organized. You may even find that you will need a second binder before the year is over!
4. Read through the introduction to the textbook (including the note to the student on p. xii) and section 1.1. Complete the guided notes and assigned exercises. You will have a quiz on the first section during the first week of school. Both the textbook and the guided notes can be found on schoology under Summer 2022: AP Statistics.
5. Optional extra credit: Read a book about statistics and write a brief (one page) reaction to it. Things to include in your reaction: did you like the book? What did you learn from it? What surprised you?

Here are some options for the extra credit reading:

- Innumeracy: Mathematical Illiteracy and Its Consequences, by John Allen Paulos
- How to Lie With Statistics, by Darrell Huff
- What is a P-Value Anyway? 34 Stories to Help You Actually Understand Statistics, by Andrew J. Vickers
- The Drunkard's Walk: How Randomness Rules Our Lives, by Leonard Mlodinow
- Naked Statistics: Stripping the Dread from the Data, by Charles J. Wheelan
- The Lady Tasting Tea, by David Salsburg

You are not limited to this list. You may choose a similar type book. Also, you do NOT have to purchase any of these. Almost all of these are available through the library. I hope that one of these books will pique your interest in Statistics and get you excited about all that we will be learning!

Enjoy your summer! I am looking forward to working with you next year!

Ms. Lodge