

AP Statistics Summer 2021 Assignment

Next year, you will be entering AP Statistics. As with most AP classes, the depth of the course and material covered on the AP Stat exam far exceeds the amount of class time available. To that end, I would like you to get a head start on the content to ensure we have enough time to learn the necessary material and review for the AP exam next May. If you have any questions, please feel free to e-mail Dr. Clementi at mclementi@gmahs.org

Step 1: Sign out an AP Statistics textbook from Doc C. If this is not possible, I will send you a PDF copy of the Introduction and Chapter 1.

Step 2: Read the Introduction and Chapter 1 from The Practice of Statistics (5th Edition) and take careful notes. These notes should be in an outline format in Cornell Notetaking form. I will email an example to you.

Step 3: Complete these problems at the end of chapter 1: 1-25 odd skip 9, 27-32 all, 37-53 odd, 60, 65, 69-74 all, 79-105 odd skip 85 and 101, 107-110 all. For these problems be sure to show all work. If you are asked to construct a graph, be sure to construct a graph.

Step 4: Join the Khan Academy Class using this link <https://www.khanacademy.org/join/BSEP5CC6> or log into Khan Academy and join using Class Code **BSEP5CC6**. Be sure your first and last name appear in your Khan Academy account.

Step 5: Complete the Khan Academy assigned problems. For each Khan Academy assignment, you will earn full credit if you answer 3 of the 4 questions correctly. If you do not answer 3 of the 4 correctly with your first attempt, you may continue to complete problems until you have done so.

Note Well: You will need a TI-84, TI-84+ or TI-84+ CE for this class. The TI-83 operating system is outdated, and you will have too much difficulty using that version.

This summer assignment will be considered your first assignment for AP Statistics. You will be graded using the following rubric:

Category Name	Description	Point Value
Cornell Notes	Notes are carefully handwritten and follow the format attached. Each section in the Introduction and Chapter 1 is carefully outlined. You will be awarded up to 50 points for your outline.	/50
Khan Assignments	You will be awarded up to 50 points for completing the Khan Academy assignments with a minimum of 3 of 4 questions answered correctly on each assignment.	/50
Khan Quizzes and Chapter Test	You will be awarded up to 50 points for completing the two Khan Academy quizzes (answering a minimum of 4 of the 5 questions correctly on each) and the chapter test (answering a minimum of 8 of the 9 questions correctly).	/50

End of Section Problems	You will be awarded up to 50 points for completing the problems listed above, which you will find at the end of each section in Chapter 1. Relevant work is shown for each problem.	/50
Total		/200

I will check the assignment on the first day of school. Please feel free to e-mail me if you have any questions.

We wish you a safe, happy summer and we look forward to seeing you in the fall!

Dr. Clementi

The Gwynedd Mercy Academy Mathematics Department