



Summer Assignment AP Statistics

Directions: All work should be done on a separate sheet of paper, not in the AP review book you will be using. You are to check your answers and make corrections in a different color so that I can see your errors and corrections. Some of the material may be difficult for you to thoroughly understand since you will not have a teacher with you. Don't worry. Take note of what you do not understand and we will go over the material thoroughly before you are tested on the chapter.

Academic Integrity: All work should be completed independently and without the assistance of unapproved resources. Any work violating academic integrity will be subject to a "0" and any additional consequences as outlined in the Knox Academic Integrity Policy attached to this assignment.

Due Date: Your work is due the first day of your AP Statistics class. All late work will be subjected to a grade reduction or penalty as outlined in the course syllabus and copied below:

All major assignments not submitted on the due date will face a 10% deduction of max points per day for up to five (5) days and up to a 50% deduction.

Summer Assignments for AP Classes that are not submitted on time will result in the student being dropped from the course.

If you have any questions or concerns regarding this assignment, please contact the Dean of Academics, Mrs. Pergola, at dpergola@knoxschool.org .

AP Statistics Summer Assignment 2022-2023

Welcome to AP Statistics. This course will be unlike any other math class you have ever taken before! Before taking this course, you will need to be competent in basic algebra, be familiar with basic statistical plots (box-and-whiskers plots, scatter plots, bar graphs, histograms, circle (pie) graphs, and stem-and-leaf plots), and you must be willing to explain your answers, not just simply get the correct answer. In this class you will learn to describe and analyze sets of data and use that analysis to draw conclusions about the situations that gave that data. Your written explanations will be probably more important and worth more credit than your mathematical work.

In order to prepare you for the first chapter of the year, I am asking that you purchase Barron's AP Statistics, 11th edition if possible. Here is the information on the book:

Title

Barron's AP Statistics Premium

ISBN-13

9781506258928

Publication Date

August, 2020

ISBN-10

1506258921

It is an excellent AP workbook that is as hard as the actual AP exam. If purchasing the book is an issue, please email the math department chair, Ms. Mazzant, at dmazzant@knoxschool.org. Your summer assignment is to read Unit 3-Collecting Data. As you read the chapter, you will come across section quizzes. Please take those quizzes and check your answers. When you check your answers, please use a different color so that I can see your answer and the corrections. Also, please write your answers on a separate sheet of paper and NOT in the actual book. The assignment will be collected on the first day of school so please have it ready. Do not leave it until the week before school starts. You will be tested on the material soon after you return to school.

Have a good summer and get ready for one of the best and most useful courses you will ever take.