**Summer Assignment**

May 31, 2012

To all students enrolled in AP Statistics and their parents/guardians.

 Congratulations on your decision to join the thousands of other students across the country that will be enrolled in AP Statistics in the upcoming school year. You have joined the growing ranks of students who recognize the need to take an introductory statistics course. A course such as this is typically required of many college majors including the social sciences, health sciences, and business.

AP Statistics is not an easy class. No Advance Placement class is easy. You can expect to spend time studying outside of class, as well as in class. However, AP Statistics is special. It is a course that combines both mathematical and verbal skills. On the AP exam, you will be asked to write descriptive paragraphs and concluding sentences. You will have to explain the reasoning behind the method you use and the conclusions you find.

Throughout the course of the year, AP Statistics will expose you to four themes: exploring data; sampling and experimentation; anticipation patterns; and statistical inference. Statistics describes the qualitative world around us in a quantitative manner. An AP Statistics class insists that you learn how to describe those quantities in a qualitative manner as well. Everything is connected!

How can you prepare for this class? Complete the summer packet by the first day of class. Get the required supplies which include a graph paper notebook, pencil, and a TI-83 or TI-84 graphing calculator. You may also want to go to a bookstore this summer and pick up an AP preparation guide for the AP exam. We have also complied helpful AP Statistics websites that you can access on-line.

If you have any questions, do not hesitate to e-mail your teacher.

Again, welcome to AP Statistics!

AP Statistics Team