



# AP STATISTICS

## COURSE MATERIALS

Statistics uses data to gain insight and to draw conclusions. Our tools are graphs and calculations, but the tools are guided by ways of thinking and organization.

Doing statistics means more than manipulating numbers. Ideas and judgement can't be automated—that part requires your organization, thinking, and persistence.

The following requirements and suggestions are intended to help you be successful in your study of AP Statistics. Please make every effort to organize your materials and establish good study habits early as this will benefit you when it comes time to take the AP Exam.



Refer to [web.mac.com/statsmonkey](http://web.mac.com/statsmonkey) for more course information.

## AP Statistics: Required Materials

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Please bring the following to class every day:

- 📖 **Textbook:** “The Practice of Statistics, 2e” by Yates, Moore, Starnes
- 📊 **Calculator:** Graphing, with statistical capabilities - TI83+ or TI84+ recommended.
- 📓 **Notebook/Binder:** Organized Statistics Binder - See below
- ✍️ **Writing Utensils:** Pencil and colored pencils/pens/highlighters recommended.
- 🧠 **Positive attitude and an open mind!**



## AP Statistics Binder

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Organization is one key to success in Statistics. I recommend purchasing a binder (minimum 1.5”) to organize the information for this course. The binder should be separated into the following sections:

- 📊 **Statistical Tools:** Tables, Formulas, and Calculator Instructions
- 📓 **Notes:** We will go over examples and notes each day...be sure to take them!
- 📄 **Handouts, Activities, Chapter Packets:** You will have a number of worksheets, activities, and handouts that will be useful in your exam preparation.
- 📖 **Exams and Quizzes:** Keep your exams and quizzes as you will want to refer to them to prepare for your midterm, final, and AP Exam.



## AP Statistics Study Hints

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Much of the information we will encounter in Statistics amounts to educated common sense. While some of the material will seem easy, it is important that

you develop a habit of study to assist you when the material becomes more difficult. You will receive a chapter guide and outline prior to each unit of study. Follow the assignments on that guide as closely as possible. **READ YOUR TEXT** each night and work the handful of problems that are assigned. Keep your homework neat and organized for grading and for your review--the practice is not meant to be busy work or a means to a grade, it is there to help you learn the subject! Do not put off your problems until they are due as you will get overwhelmed trying to catch up.

**ASK QUESTIONS** and be an active participant in class...we need to work together to be successful--Statistics is not a spectator sport!

