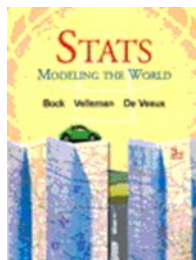


AP Statistics

Learn about the major concepts & tools for collecting, analyzing, & drawing conclusions from data.



Mr. Waddell

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Objectives



STATISTICAL CONCEPTS: Describe the major conceptual themes of statistics: Describing Data, Producing Data, Anticipating Patterns, & Statistical Inference.

STATISTICAL SKILLS: Produce convincing oral & written statistical arguments, using appropriate terminology. Know when & how to use technology to aid them in solving statistical problems.

STATISTICAL KNOWLEDGE: Employ techniques for producing data, analyzing data, modeling data, & drawing conclusions from data.

STATISTICAL HABITS OF MIND: Become critical consumers of published statistical results by heightening awareness of ways in which statistics can be improperly used to mislead, confuse, or distort the truth.

A typical class

YOUR DAY will begin with an AP multiple choice problem. This problem has been chosen to extend an idea from last class or connect with ideas from the current class.

FROM THERE we will work on building an understanding of the material together. This will occur through a variety of techniques including discussion, group work & writing; lots & lots of writing.

COMMUNICATION is an essential component of doing statistics. You will be asked to communicate verbally & in writing your thoughts, methods & conclusions.

Grading



FINAL GRADES are given at the end of the semester, rounded to the nearest percent. This course will be graded on a total points system, but roughly 70% of the points will come from assessments & quizzes. The remaining 30% will be assignments, projects & in class work.

THE STANDARD Washoe County School District grading scale will be used.

LATE WORK is highly discouraged at the AP level & I will be following the district policy.

Expectations



**Be respectful • Be involved •
Do your personal best • Actively listen •
Never stop trying to learn**

PLEASE REVIEW the policies and procedures outlined in the Student Handbook.

<http://mrwaddell.net> for class resources!


Required resources

- ◆ An approved graphing calculator
- ◆ Composition notebook
- ◆ Pencils & pens every day



Suggested resources

- ◆ An email address or phone to receive Remind101 notices
- ◆ A phone with camera to take pictures of classwork & graphs

I use a service called  **remind**. It is free & allows learners & parents to receive texts or emails about upcoming assignments and reminders. Best of all, I will never see your phone numbers & you will never see mine. Go to <http://mrwaddell.net/remind> to sign up for your class.

Progressive discipline policy ranges from warning and classroom consequences to referrals to the Support Office.