Welcome to AP Stats!
Mr. Molesky
Lakeville South High School
WHAT IS STATISTICS?

- Statistics is the science of data...
- Data are numbers with a context.
- We will study four major themes this year:
  - Collecting Data - Surveys, Studies, and Experiments
  - Describing Data - Graphical and Numerical Analysis
  - Probability - The Study of Chance Behavior
  - Inference - Making Conclusions Based on Data
I will be preparing you for the Advanced Placement Statistics Exam taking place on Tuesday, May 6, 2008.

3 hours -- 40 Multiple Choice Questions, 5 Free-Response Questions, 1 “Investigative Task”

You CAN be successful on this exam IF you put forth the effort ALL YEAR LONG.

I will provide you with LOTS of preparation materials as well as insight from the grading of the exam.

I need you to provide the effort...
You will need the following items for this course:

- Graphing Calculator - Required (TI83+/84+ recommended)
- Notebook - 2 or 3 subject, college-ruled
- Binder - 1.5” for tables, handouts, notes, etc.
- Pencil, pen, highlighter
- Strong work ethic and a willingness to ask for help!
• “The Practice of Statistics, 3e” by Yates, Moore, Starnes
• Read It
• Study It
• Use It
• Take Care of It - Cover It!
• Bring it every day...
YOUR BOOK CARD

- We’ll check the books out in the Media Center.
- Please fill out your book card with the following information.

LAST, FIRST
BOOK #
AP STATS
PER  
MATH COURSE LAST YEAR
FUTURE PLANS/MAJOR
SOMETHING UNIQUE/INTERESTING ABOUT YOURSELF
COURSE WEBSITES

Class Website:

web.mac.com/statsmonkey

Notes, Handouts, etc.

Textbook Website:

bc.s.whfreeman.com/tps3e

Resources, Applets, Quizzes
My goal is for you to understand Statistics and how it plays a role in your current and future life.

My hope is you will be successful in the course and earn a passing score on the AP Exam.

My expectation is that you will put forth the effort necessary to be successful in a college-level course.
A claim has been made that students who study while listening to Mozart perform better on exams than students who listen to other music or no music at all.

How could we test this claim?

How would you gather, analyze, and use data to study this?
HOMEWORK

- Cover your book.
- Read the “Case Study” and Introduction to the Preliminary Chapter.
- See You Tomorrow!