

AP Statistics

WITH MRS. JOHNSON

Thinking about a fourth year math course and not sure what to take? Here's why you should enroll in AP Stats....

REASON #1

AP Statistics offers a broad range of applicable future careers since many careers need to understand results of surveys/ research studies. In fact, nearly every graduate degree will require the understanding of statistics and the AP Stats course covers the main topics required by those research theses.

REASON #2

It is less focused on remembering facts from previous math courses.

REASON #3

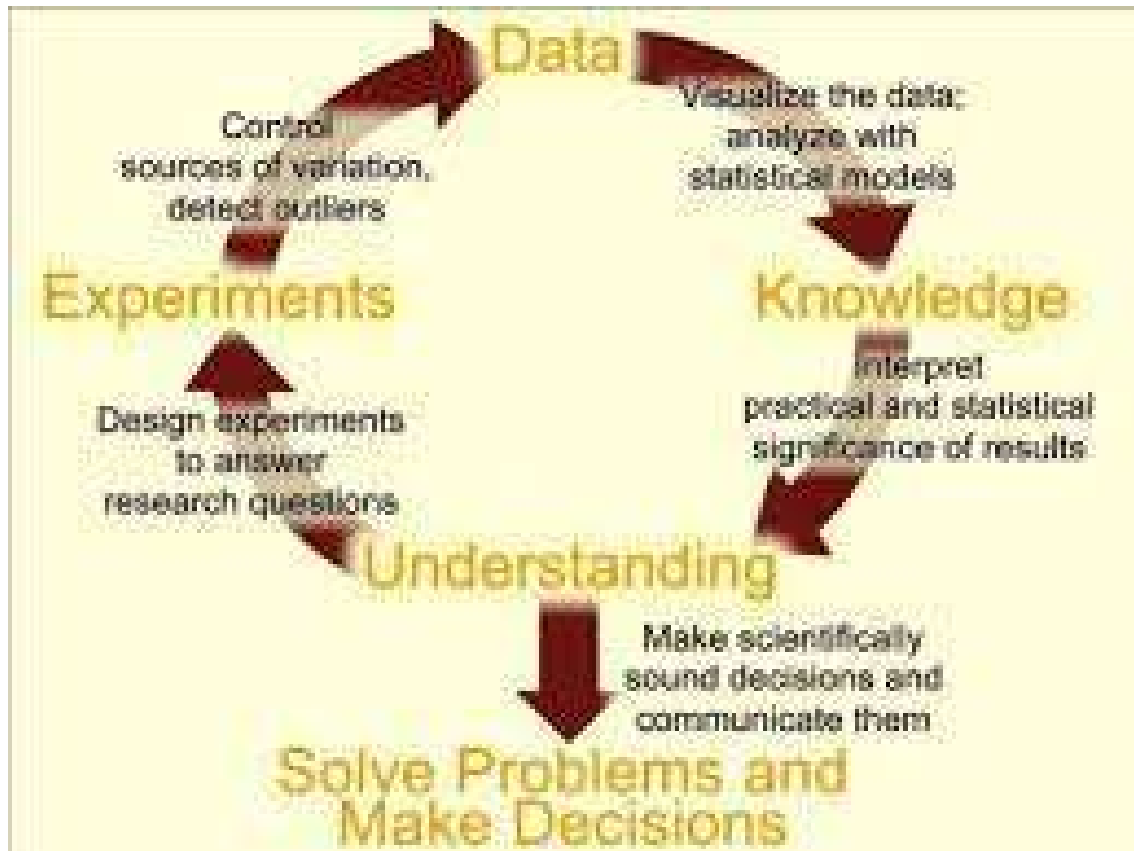
If you can make the tables and graphs from middle school math, you already have the basics of the first chapter of AP Statistics.

REASON #4

AP Statistics is FUN!!!

Some misconceptions

- Misconception #1: I have to be good at math to do AP Stats
No you don't! A student can be successful in AP stats at any level because you don't need to have previous courses memorized!
- Misconception #2: AP Stats isn't as important as other math classes
Actually, it is! AP Statistics can prepare students for dozens of college majors beyond statistics, including criminal justice, aerospace engineering and environmental studies, just to name a few.
- Misconception #3: I have to be an AP student to take AP Stats
No you don't! AP Stats welcomes students at all learning levels!
- Misconception #4: AP Stats is too hard
No it isn't! If you can make the tables and graphs from middle school math, you already have the basics of the first chapter of AP Statistics.
- Misconception #5: I won't learn any important skills I need towards my major
Yes you will! Some of the skills you will learn are methods for collecting and analyzing data, describing patterns and trends and relationships in data, using probability and simulation---yes we are VERY hands on!



Why is Statistics Important?

- Weather Forecasts
- Emergency Preparedness
- Predicting Disease
- Medical Studies
- Genetics
- Political Campaigns
- Insurance
- Consumer Goods
- Quality Testing
- Stock Market

ABOUT THE COURSE

Learn about the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. You'll explore statistics through discussion and activities, and you'll design surveys and experiments. AP Statistics can prepare students for dozens of college majors beyond statistics, including criminal justice, aerospace engineering and environmental studies, just to name a few.



Skills you'll learn:



Selecting methods for collecting or analyzing data



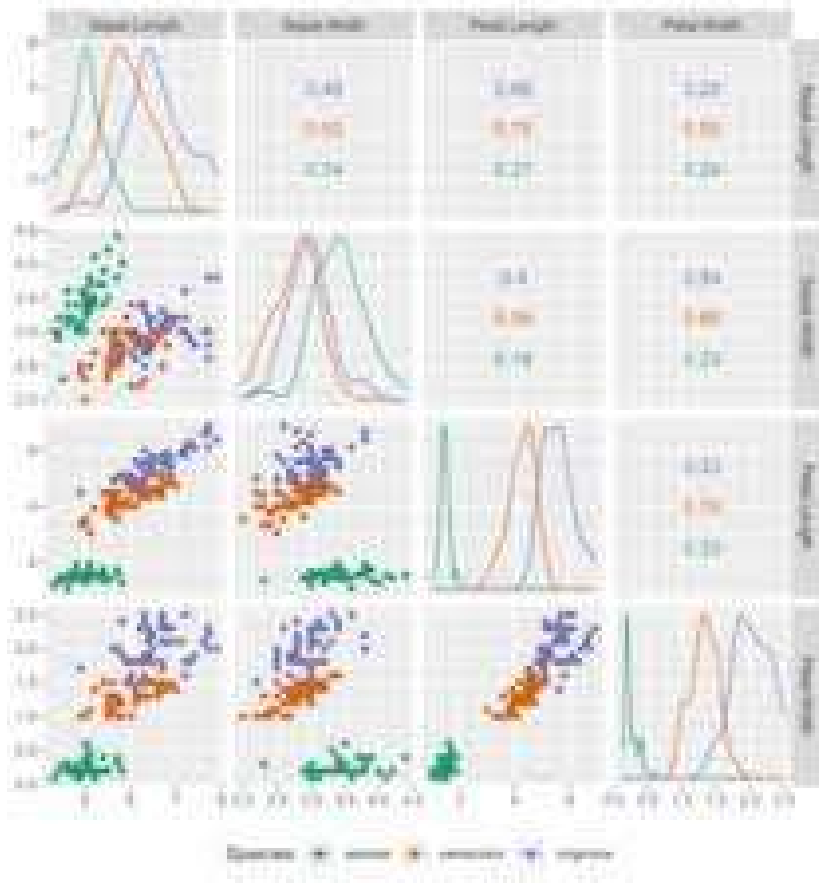
Describing patterns, trends, associations, and relationships in data



Using probability and simulation to describe probability distributions and define uncertainty in statistical inference



Using statistical reasoning to draw appropriate conclusions and justify claims



Course Expectations and Materials

EXPECTATIONS

Rules

1. Be on Time/Present to Online Class Meetings
2. Bring Materials
3. Stay on Task
4. Keep distractions limited...No Cell Phones, Electronic Devices other than your TI 83/84
5. Respect Yourself and Others
6. Keep microphone muted unless to speak

MATERIALS

Materials

- a. Covered Textbook
- b. Notebook
- c. Sharpened Pencils with Erasers
- d. Graphing Calculator
TI-83/TI-84 (available for check out in Library)

Assessment will be as follows to mirror AP exam scoring:

<p>Grading Scale:</p> <p>A-5pts 90-100%</p> <p>B-4pts 80-89%</p> <p>C -3pts 70-79%</p> <p>D-2pt 60-69%</p> <p>F -1pt 0-59%</p>	<p>Your grade will be weighted as follows:</p> <p>75% Formative/Summative Assessments</p> <p>25% Homework, Classwork</p>
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How will I be
Graded?



How Do I Sign Up?

Call or email your counselor

ANNETTE ALLEN

*A-D 9-11 *A-E 9 SpEd 9-11*A-E 12th *C.H.O.M.P.

3713

LUCIA GIBBS

*E-KI 9-11*F-Lo 9 SpEd *F-Mej 12th

3411

SANDY GONZALES

*Kn-Me 9-11 *Lu-Re 9-11 SpEd *Mel-Ra 12th* A.V.I.D.

3725

***RIGO ARAGON**

*Ri-Z 9-11, *Ri-Z 9-11 SpEd*Re-Z 12th

3711

GAIL HEISEL

Mi-Re 9-11* All 12th SpEd

3714

KAI JOHNSON

Intervention 9-11 (A-Lop)

3715

TODD POLLARA

Intervention 9-11 (Lor-Z)

3734

ERNEST DIAZ

K-12 Intervention Counselor

3742





What are you waiting
for?