

# AP Statistics

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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....**

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**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**

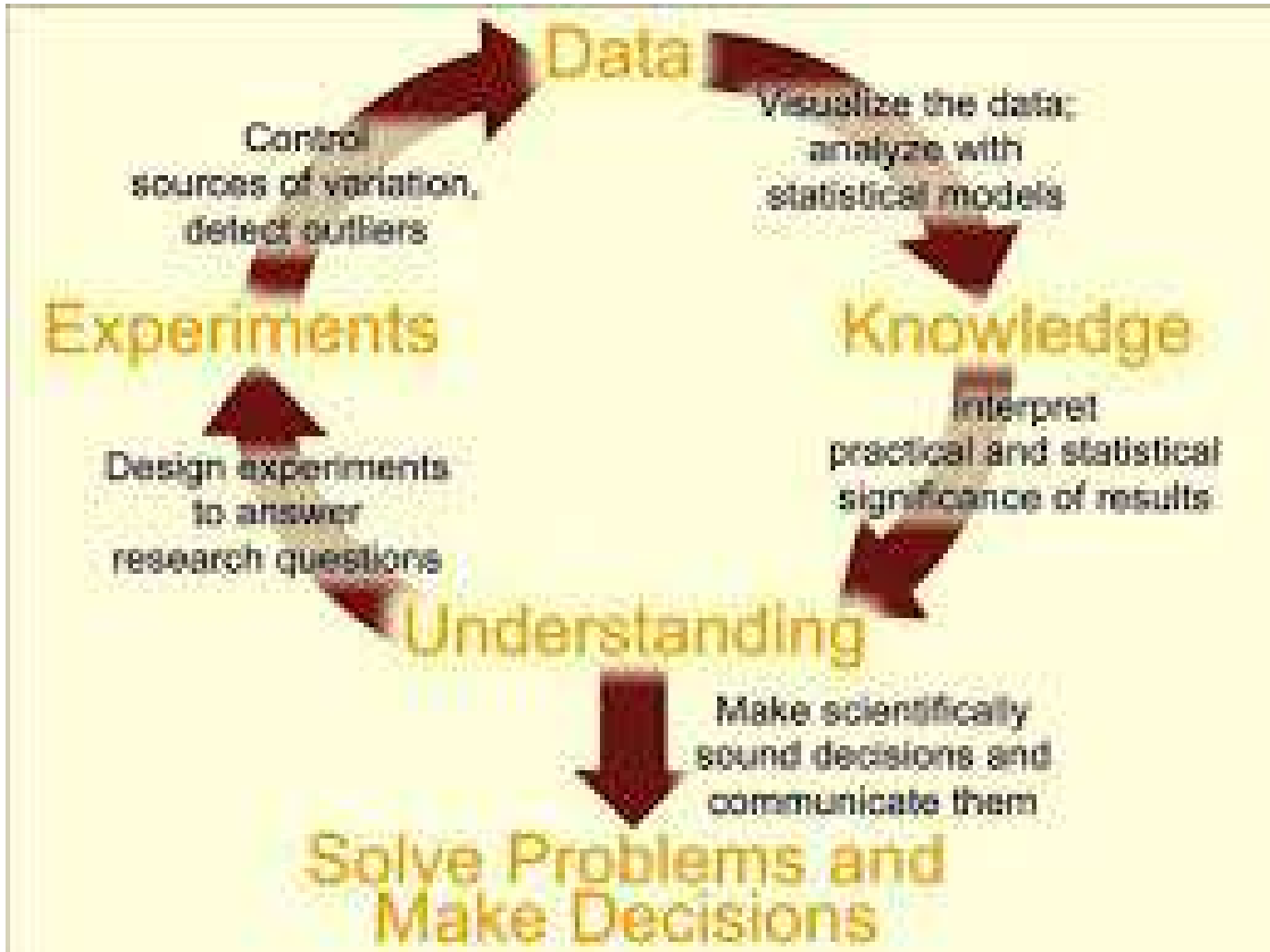
It is less focused on remembering facts from previous math courses.

**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!!!**



# Why is Statistics Important?

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Weather Forecasts

Emergency Preparedness

Predicting Disease

Medical Studies

Genetics

Political Campaigns

Insurance

Consumer Goods

Quality Testing

Stock Market

# ABOUT THE COURSE

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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



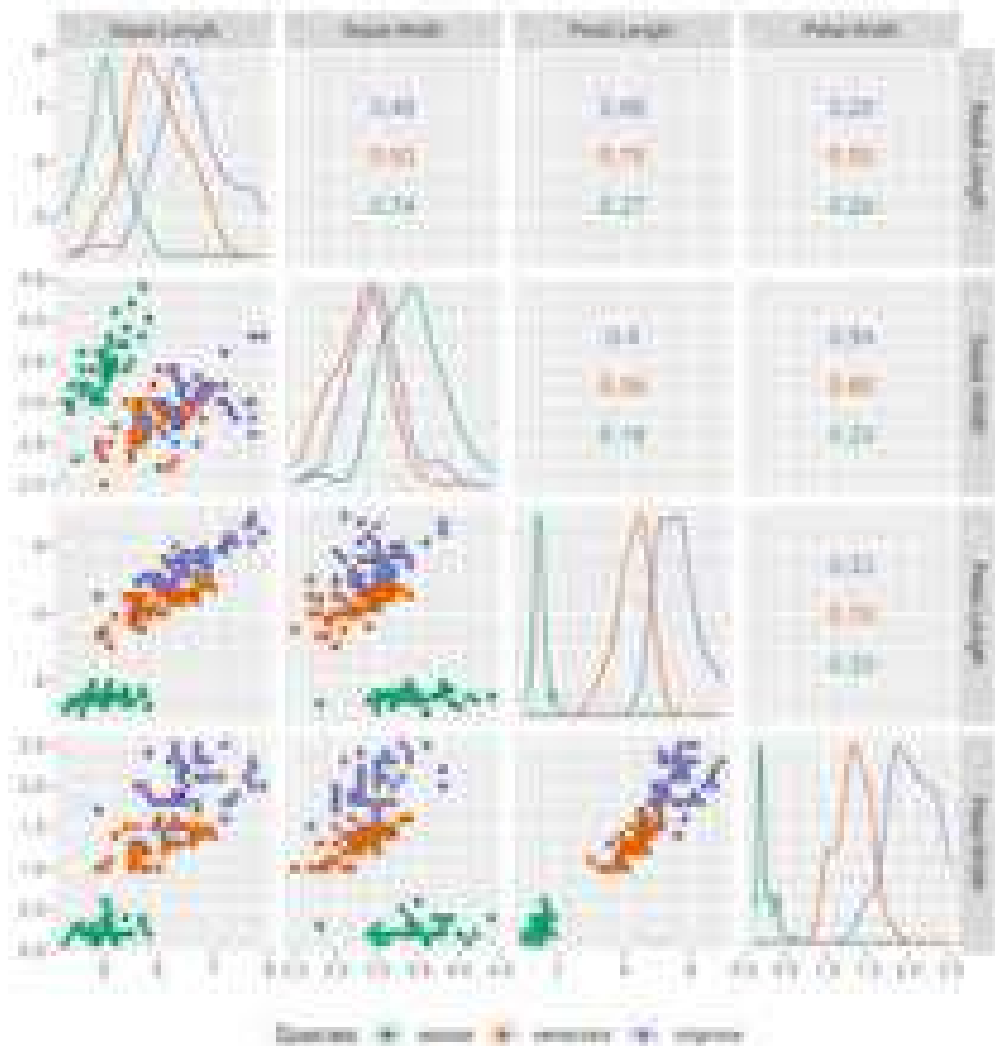
Describing patterns, trends, associations, and relationships in data



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

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## 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

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<b>ANNETTE ALLEN</b> *A-D 9-11 *A-E 9 SpEd 9-11 *A-E 12th *C.H.O.M.P.	3713
<b>LUCIA GIBBS</b> *E-Ki 9-11 *F-Lo 9 SpEd *F-Mej 12th	3411
<b>SANDY GONZALES</b> *Kn-Me 9-11 *Lu-Re 9-11 SpEd *Me-Ra 12th* A.V.I.D.	3725
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<b>GAIL HEISEL</b> Mi-Re 9-11* All 12th SpEd	3714
<b>KAI JOHNSON</b> Intervention 9-11 (A-Lop)	3715
<b>TODD POLLARA</b> Intervention 9-11 (Lor-Z)	3734
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**What are you waiting  
for?**