

## AP Statistics Summer Assignment

Due: First Day of School for the Class----NO LATER (whether you are present or not). You can email me (pnovello@murrieta.k12.ca.us) your work if you want or need.

### **STEP ONE:**

Sign up for Remind 101: Text @mmhsapstat to the following number: 81010. This is a key communication tool between you and I that we will use all year long. Detailed directions are on my Haiku.

### **STEP TWO:**

Go to my Haiku website and under AP Statistics Chapter 0:

- Read and Print: Advanced Placement Statistics Expectations and complete and print all necessary pages for first day back.

**STEP THREE:** Watch all three of the following videos in their entirety:

1.

[https://www.ted.com/talks/steven\\_pinker\\_is\\_the\\_world\\_getting\\_better\\_or\\_worse\\_a\\_look\\_at\\_the\\_numbers#t-165354](https://www.ted.com/talks/steven_pinker_is_the_world_getting_better_or_worse_a_look_at_the_numbers#t-165354)

2. <http://www.youtube.com/watch?v=iliAAhUeR6Y>

3. [https://www.ted.com/talks/alan\\_smith\\_why\\_we\\_re\\_so\\_bad\\_at\\_statistics](https://www.ted.com/talks/alan_smith_why_we_re_so_bad_at_statistics)

### **STEP FOUR:**

Write a paragraph reflection on your thoughts about what you watched. You may focus on ANY element you choose, but you should also include a brief connection to the following question:

***How do you think the content of the video that you chose to watch relates to what we will study this year in Statistics?***

### **STEP FIVE:**

Finally, watch BOTH of the following videos (they are short)

1. [http://www.ted.com/talks/arthur\\_benjamin\\_s\\_formula\\_for\\_changing\\_math\\_education](http://www.ted.com/talks/arthur_benjamin_s_formula_for_changing_math_education)

2. [http://www.youtube.com/watch?v=f\\_J8QU1m0Ng](http://www.youtube.com/watch?v=f_J8QU1m0Ng)

### **STEP SIX:**

Get familiar with your textbook (layout, wording, design, etc) because we will be using it all year. It is a very useful resource, students must read the chapters to get an understanding of the material (it is an easy read).

A. Look at opening page regarding Topic Outline for AP Statistics

B. Read the Preface to the Student (pgs: xiv-xix)

C. Peruse the following sections in the back of the textbook:

1. Solutions
2. Index
3. Appendix A: AP Exam Tips
4. Formulas for AP Statistics Exam/ Tables A, B, C
5. Technology Corners Reference
6. Inference Summary

D. Read Chapter 1 (pgs: 1-22, 27-42, 50-69) and take notes regarding important details and pay particular attention to all examples.

Suggested, but not necessary: You can use the first couple pages of the “Ch 1-7 Reading Notes” located on Haiku under “Statistics Resources” for some guided questions as you read the Chapter.

E. Do the Checking for Understanding exercises (ex’s) for each section (check answers)

### **STEP SEVEN:**

Go to the AP Central College Board Website and get familiar with it.

A. Go to AP Courses and Exams, Course Home Pages, Statistics, and look at:

1. AP Statistics Course Information
2. Exam Information and Resources

\*Check out all of the published tests, grading keys, and samples of student work