



AP Statistics

Summer 2016 Assignment

If there is any chance you will be scheduled for AP Statistics for the fall of 2016, please complete this survey:

<http://goo.gl/forms/CQcNloHYx9OQMUC32>

Then view the following videos at the links provided and think about the related question(s) provided for each. These videos address broad concepts that will help you start to think statistically. We will be discussing these ideas the first day back in September and I know you will want to contribute to the conversation!

1. http://www.ted.com/talks/lang/en/arthur_benjamin_s_formula_for_changing_math_education.html
Think about:
Do you believe everything you read on the Internet? in a newspaper? In a magazine? In a textbook?
Should you?
2. <http://www.gapminder.org/videos/200-years-that-changed-the-world-bbc/>
Think about:
Why are graphical displays of data helpful?
3. http://www.ted.com/talks/hans_and_ola_rosling_how_not_to_be_ignorant_about_the_world#t-7826
Think about:
What is bias? Is the world becoming a better place?
4. http://www.ted.com/talks/lang/en/jean_baptiste_michel_the_mathematics_of_history.html
Think about:
Statistical analysis can be used to analyze historical developments. Can you name one other field that uses data analysis?
5. http://www.ted.com/talks/lang/en/hans_rosling_religions_and_babies.html
Think about:
Do you think higher incomes *CAUSE* women to have fewer babies?
6. http://www.ted.com/talks/peter_donnelly_shows_how_stats_fool_juries
Think about:
Was there a new idea in this talk that you had never thought about?

You will find statistics to be a very different field of study which requires you to read, write, and above all else, **think!** Enjoy your summer and I look forward to meeting you in September. Feel free to email me over the summer if you have any questions.

Mrs. Kandigian

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