

Welcome to AP Statistics with Mr. Sutter!

Summer Enrichment

Description: The activities listed below are intended for you to keep your mind sharp over the summer, and to help you prepare to hit the ground running at the beginning of the school year. I encourage you to try them out. These are not assignments, and will not be graded, but will set you up for success in the fall.

Activity 1: Brush up on some statistics

<https://www.khanacademy.org/math/ap-statistics/analyzing-categorical-ap>

<https://www.khanacademy.org/math/ap-statistics/quantitative-data-ap>

<https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap>

These three mini-units are foundational to what we will be studying in the fall. You have probably seen some of this content before in your previous math classes. We will be (quickly) covering this information again in the fall but reviewing it now will make your life easier.

Activity 2: Read a book about data science

I just ordered this book off of Amazon and I am so excited about it I thought I would share. It uses data to illustrate an optimistic outlook of society.



The image shows the Amazon product page for the book "Factfulness: Ten Reasons We're Wrong About the World--and Why Things Are Better Than You Think" by Hans Rosling, Anna Rosling Rönnlund, and Ola Rosling. The page features the book cover on the left, which includes a quote from Bill Gates: "One of the most important books I've ever read—an indispensable guide to thinking clearly about the world." The cover also has a "Look inside" button and a "New York Times Bestseller" badge. The main title and authors are displayed prominently. Below the title, it says "Kindle Edition" and lists the authors. There are 3,682 ratings shown as stars, and it is labeled as a "#1 Best Seller in Probability & Statistics". A link to "See all 9 formats and editions" is provided. Three format options are shown: Kindle for \$2.99 (with a "Read with Our Free App" link), Audiobook for \$0.00 (with a "Free with your Audible trial" link), and Hardcover for \$15.39. Below the prices, it shows "79 Used from \$7.85", "32 New from \$15.39", and "2 Collectible from \$14.99". The text "INSTANT NEW YORK TIMES BESTSELLER" is displayed. A quote from Bill Gates is repeated at the bottom: "One of the most important books I've ever read—an indispensable guide to thinking clearly about the world." – Bill Gates. At the bottom left, there is an "Audible Sample" button and a "Follow the Authors" section with a "See all" link.

*Email Mr. Sutter (jsutter@pps.net) if you have any questions.