



## AP Statistics

### Summer Reading Assignment 2024

Read one of these books. Type up a one-page, single-spaced paper on whatever one or two things gave you an “A-Ha!” as you read the book. Turn in your page to your math teacher on the **first day of class**. I am asking you to do this for three reasons: (1) Being able to communicate in writing is fundamental to the use of statistics, (2) Any of these books will give you perspective in how powerful statistics are, and (3) They’re all great books and can be read on the beach (or at home). The books can be obtained through the library, my bookshelf, or purchased online.

- Ariely, D.—*Predictably Irrational, The Hidden Forces that Shape our Decisions*, Harper Collins, 2008 Ayres, I. Super Crunchers, Why Thinking by Numbers is the New Way to Be Smart, Bantam, 2007
- Baker, S.—*The Numerati*, Houghton Mifflin Harcourt, 2008 Bennett, D.—*Randomness*, Harvard University Press, 1998
- Best, J.—*Damned Lies and Statistics*, University of California Press, 2001
- Best, J.—*More Damned Lies and Statistics*, University of California Press, 2004
- Cohn, V.—*News & Numbers: A Guide to Reporting Statistical Claims and Controversies in Health and Other Fields*, Blackwell Publishing, 2001
- Crossen, C.—*Tainted Truth: The Manipulation of Fact In America*, Touchtone, 1996 Dewdney, A. K.—*200% of Nothing*, John Wiley and Sons, 1993
- Gigerenzer, G.—*Calculated Risks: How to Know When Numbers Deceive You*, Simon and Schuster, 2002
- Gladwell, M.—*Blink: The Power of Thinking Without Thinking*, Little, Brown & Co., 2007
- Gladwell, M.—*Outliers: The Story of Success*, Little, Brown & Co., 2008
- Gladwell, M.—*The Tipping Point: How Little Things Can Make a Big Difference*, Little, Brown & Co., 2002
- Gladwell, M.—*What the Dog Saw*, Little, Brown & Co., 2009
- Harris, Smith & Harris—*The Myths of Standardized Tests: Why They Don't Tell You What You Think They Do*, Rowman & Littlefield Publishers, Inc., 2010
- Huff, Darrell—*How to Lie with Statistics*. W.W. Norton Co., 1993 (1952)
- Johnson, S.—*The Ghost Map: The Story of London's Most Terrifying Epidemic—and How It Changed Science, Cities, and the Modern World*, Penguin Group, 2006
- Lewis, M.—*Moneyball: The Art of Winning an Unfair Game*, Norton, 2003
- Livio, M.—*Is God a Mathematician?* Simon & Schuster, 2010
- Paulos, J. A.—*Beyond Numeracy*, Vintage, 1992.
- Paulos, J. A.—*Innumeracy: Mathematical Illiteracy and Its Consequences*, Vintage, 1990.
- Penn, M. J.—*Microtrends: The Small Forces Behind Tomorrow's Big Changes*, 2007
- Rosenthal, J.—*Struck by Lightning: The Curious World of Probabilities*, Granta Books, 2008
- Salsburg, D.—*The Lady Tasting Tea*, Owl Books, 2001
- Seife, C.—*Proofiness: The Dark Arts of Mathematical Deception*, Viking, 2010
- Snowden, D.—*Aging With Grace: What the Nun Study Teaches Us About Leading Longer, Healthier, and More Meaningful Lives*, Bantam Press, 2002
- Tal, J.—*Reading Between the Numbers*, Statistical Thinking in Everyday Life, McGraw-Hill, 2000
- Taleb, Nassim.—*Foiled by Randomness: The Hidden Role of Chance in Life and in the Markets*, Thomson, 2004
- Taleb, Nassim.—*The Black Swan: The Impact of the Highly Improbable*, Thomson, 2007
- Tufte, Edward R.—*Envisioning Information*, Graphics Press, 1990
- Tufte, Edward R.—*The Visual Display of Quantitative Information*, Graphics Press, 2001
- Vickers, A.—*What is a p-value anyway*, Addison-Wesley, 2010
- Zaccaro, E., *Scammed by Statistics*, Hickory Grove Press, 2010