

Summer Assignments for AP Statistics 2017
North Gwinnett High School
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Books required:

1. **STATS: Modeling the World**, 3rd Edition, D.E. Bock, P.F. Velleman, R.D. DeVeaux (*check this out from Dr. Rowland @Room 311 time during the summer. I will be on campus most Tuesday mornings from 9:30-11:30am. Please contact me by email to arrange a time to get the book. You can also pick up the pick from the Community School during their regular business hours*)
2. **Barron's AP Statistics** 9th Edition, (Paperback) by [Martin Sternstein Ph.D.](#) (available from Amazon.com.)

Calculator Required: Ti-84s

Assignments: (The assignments from Barron book are based on earlier editions. If you have the 9th edition, the page #s will be close to the page numbers that are provided here.)

1. Read [Barron](#). Read topic 1: Graphical Display, pp. 35-44.
 - Take Self-Assessment, pp. 45-50.
2. Read [Barron](#). Read topic 2: Summarizing Distributions, pp 55-71
 - Take Self Assessment, pp 72-82.
3. Read [Barron](#). Read topic 3: Comparing Distribution, pp 89-93
 - Take Self Assessment, pp 94-98.
4. Read **Bock, Velleman, De Veaux**. Chapters 1, 2, & 3: Exploring and Understanding Data, pp 1-43
 - **Chapter 2: p. 16-18: 8-18 even**
 - **Chapter 3: p. 37-43: 6-12 even and 22-34 even**
5. Print/cut out a copy of an article that includes statistical concepts that you have studied in Barron's and the textbook. You must include the source of the article. The article must come from a "reputable source" such as Time, Newsweek, the AJC, the New England Journal of Medicine. You must identify at least three statistical concepts. Highlight where in the article the statistical concepts are being used. Write a paragraph about each of the three concepts. The paragraphs should include a definition of the statistical concept, how it is calculated and how it is used in the context of the article. **The paragraphs must be typed.**

Key date:

1. THE TEXTBOOK ASSIGNMENTS (#4) and ARTICLE ASSIGNMENT (#5) ARE DUE **on the Friday of the first week of school**. The Barron book provides answers for assignments so I will not collect them. Please try them on your own first before looking at the answers!