

AP STATISTICS

2nd SIX WEEKS SYLLABUS

2014 - 2015

*Subject to change at teacher's discretion. Check website for current information.

Note: This grading period is only 5 weeks.

Last updated: 9/29/2014

Date	Text	Topic(s)	#	Assignment (due the FOLLOWING block)
Tu-W 9/30-10/1	Ch 5	Boxplots (and burgers) Measures of center and spread	13	Ch 5 #4*, 7, 10a, 12, 14, 16, 17 <i>*on #4, you may use a calculator for basic arithmetic (just don't use "1-var stat" or a similar shortcut to get all of the answers)</i>
Th-F 10/2-3	Ch 6	Standard Deviation and z-score Shifting and scaling Calculating z-scores The 68-95-99.7 Rule	14	Ch 5 #10bc Ch 6 #1, 4, 5, 6, 9, 16
M-Tu 10/6-7	Ch 6	Normal Model Using the z-table Inverse Normal <i>*If you miss this class, you must read pgs 113-117!</i>	15	Ch 6 #17, 18, 19, 25, 33, 41abc Challenge: Ch 6 #41de
W-Th 10/8-9	Ch 6	Finish Describing Distributions Identify shape from statistics Wrap-up of CUSS/BS	16	Ch 6 #22, 23, 34, 35, 37ac, 43 Ch 5 (p. 96) #35abc
F-Tu 10/10-14 Columbus Day Weekend!		Group Quiz Chapters 5 - 6	17	Chapter 5 - 6 Review Worksheet
W 10/15		PSAT Wednesday 10/15		<i>Note: 10/15 and 10/16 are both A-days</i>
Th-F 10/16-17		Test Chapters 5 - 6	18	TBD
M-Tu 10/20-21	Ch 7	Scatterplots Association and Correlation Correlation vs causation	19	Ch 7 #2, 6, 9, 11, 12, 13, 16abcef, 26, 29
W-Th 10/22-23	Ch 8	Horsepower Lab (wear comfy shoes!) Linear Regression Interpreting slope, r , r -squared	20	Ch 7 #10*, 18acd, 24, 25, 28, 30 Finish the horsepower lab (HP vs. time) <i>*for #10, you may use a DOTPLOT instead of a HISTOGRAM</i>
F-M 10/24-27	Ch 8 Ch 9	Linear Regressions Computer Printouts Residuals Regression Wisdom Extrapolation Outliers & Influential Points	21	Ch 8 #3, 4, 14, 16, 20, 27abcefg* Ch 9 #2 Worksheet: Computer Printouts <i>*Answer to 27d: predicted math = $217.7 + 0.662$ (verbal) You'll need this for parts e, f, and g!</i>
Tu-W 10/28-29		Group Quiz Chapters 7 - 9	22	Chapter 7 - 9 Review Worksheet
Th-F 10/30-31		Test Chapters 7 - 9	23	Worksheet: TBD ASSIGN PROJECT (SW3)
M-Tu 11/3-4	Ch 14	Probability Addition Rule Multiplication Rule P(at least one)	24	Ch 14 #4, 8, 9, 18, 23, 24, 26, 30 Ch 15 #19
W-Th 11/5-6	Ch 15	Probability Conditional probability Rules Test of Independence Tree diagrams/Bayes theorem	25	Ch 14 #28, 33 Ch 15 #4, 8, 14, 24, 28, 35b, 37 (35 and 37 are tree diagram problems!)

LATE START DATE(S): OCTOBER 9

