

2019-2020 AP Statistics Assignments

IMPORTANT NOTE: This an important chapter! Read sections as assigned. TIP: take notes (guided notes are on my website)!

DUE Dates: This assignment sheet dates will match with Google Classroom.

5 FRAPPY's due day of Chapter 9 Q/Test- 3HW grades - must grade & correct (Tip: Start early ans pace yourself.)

Due Dates of Graded Work	Ch9 Day	Activity Handouts (NOT graded) Complete using any method that works best for you	Khan Academy and Other Video Links (optional)	Graded Work	Reading	Turn In FRQ's as you complete them
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TRANSITIONED TO ONLINE

18-Mar	9.1 MC Quiz - AP Classroom - 4 questions - 10 minutes (NO test corrections - there will be optional extra Quiz to each make up points)					
18-Mar	2	9.2a Activity - 1-Sides Significance Tests for p	9.2 Carrying Out a Significance Test for a proportion Recommended Khan Academy: Set of videos "Constructing hypotheses for a significance test about a proportion " https://www.khanacademy.org/math/ap-statistics/tests-significance-ap/one-sample-z-test-proportion/v/constructing-hypotheses-for-a-significance-test	41*, 43a, 45* *use template	Section 9.2 pgs 556-561	suggested date FRQ 2003#2 and FRQ 2005#4
20-Mar	3	9.2b Activity - Two-Sided Tests vs. Confidence Interval	Recommended Khan Academy: Continue to watch these videos "Constructing hypotheses for a significance test about a proportion " Khan Academy Test your self Quiz #2 is for section 9.2	49*, 51	Section 9.3 pgs 565-573	suggested date FRQ's 2010#3 and 2010b#4
24-Mar	9.2 MC Quiz - AP Classroom - 11 questions - 35 minutes (NO test corrections - there will be optional extra Quiz to each make up points)					
26-Mar	4	9.3a Activity - Significance Tests and CIs for μ	9.3 Carrying Out a Significance Test for means <i>The One Sample t Test, Two-Sided Tests and CIs</i> Recommended Khan Academy: Set of videos "Testing hypotheses about a mean " https://www.khanacademy.org/math/ap-statistics/tests-significance-ap/one-sample-t-test-mean/v/writing-hypotheses-for-significance-test-about-means Khan Academy Test your self Quiz #3 is for section 9.3	71*, 75*, 77a *use template	Section 9.3 pgs 565-577	
		9.3 Significance Tests for Paired Data-	MOVE TO CHAPTER 10			
30-Mar	5	9.1b Power Activity - Power of a test(FRQ '03#2) <i>Technology: Investigating Power with an Applet</i> http://www.rossmanchance.com/applets/power.html	9.1 Power of a Statistical Test • Understand the relationship between the significance level of a test(α), P (Type II error), and power. Khan Academy Test your self Quiz #1 is for section 9.1 <div>5) Examples thinking about power in significance tests: https://youtu.be/XnYUfgfbvm4</div> <div>6) Test yourself. Do the questions in "Consequences of errors and significance"</div>	9.1b Power Activity Power of a test Recommended Khan Academy:	Section 9.1 pgs 541-545 and/or Watch KhanA	
1-Apr	9.3 MC Quiz - AP Classroom - tbd questions - tbd minutes (NO test corrections - there will be optional extra Quiz to each make up points)					
UPDATE FROM COLLEGE BOARD -						
AP Exam will be 45 minutes - All questions will be free response - Covers Chapters 1-10 - Details coming April 3rd						
1-Apr	day added 6	STUDY AND ORGANIZE YOURSELF for a free response open notes Q/Test. Do the following: CH10 AP Practice Test #'s T9.11, T9.13 Frappy - Review Section 9.3 (optional) Khan Academy Test your self with the Unit Test				FRQs 2009b#5, Added 2003#2
3-Apr	7	Chapter 9 QTest - 3 Free Response - Open Notes - 1hr15min time limit Your test will be emailed to you Friday, APRIL 3 at 9am - Turn in to Google Classroom by 11am				All Frappy's DUE

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(see web site for reading guides, glossaries of important terms, notes, HW answers, and other goodies)

Due Dates of Graded Work	Ch9 Day	Activity Handouts (NOT graded) Complete using any method that works best for you	Khan Academy and Other Video Links (optional)	Graded Homework	Reading	Turn In FRQ's as you complete them
10-Mar	½	9.1 The Reasoning of Significance Tests, Stating Hypotheses, Interpreting P -values, Statistical Significance <i>[start] 9.1a Activity - Hypotheses Basics</i>	Required: "The Most Simple Introduction to Hypothesis Testing! - Statistics Help" https://youtu.be/UApFKiK4Hi8	1, 3, 7, 9	Section 9.1 pg 528 540, 545	
Section 9.1 is a VERY important section to master the concepts! Make sure to study Type 1 and 2 Errors.						
12-Mar	1	9.1 Type I and Type II Errors <i>[finish] 9.1a Activity - Hypotheses Basics</i>	Required Khan Academy: 1) Introduction to Type I and Type II errors: https://youtu.be/Hdbbx7DIweQ 2) Type 1 errors: https://youtu.be/EowIec7Y8HM 3) Examples identifying Type I and Type II errors: https://youtu.be/JNOWWJeZBTc	11, 13, 19, 21	Section 9.2 pgs 549 556	