2015-2016 AP Statistics Assigments

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

Chapter	Day	Topics	Objectives: Students will be able to…	Homework	Reading	1/2B
12	**0**	**Reviewing Chapter 3 is important for our next topic in Chapter 12 on Regression Inference AND a good review for the AP Exam.**		#'s 1, 10, 54, 56, 58,	**Recommend Read Ch3**	**12-Apr**
12	1	12.1 Regression Inference **Activity 1: Chapter 11 Quiz (½ period)** **Activity 2: 12.1 Regression Inference Video**	• Check conditions for performing inference about the slope β of the population regression line. • Interpret computer output from a least-squares regression analysis. • Construct and interpret a confidence interval for the slope β of the population regression line. • Perform a significance test about the slope β of a population regression line.	**If you are absent, download the Regression Inference Video. Watch it. Complete handout**. 1, 4, 6, 8, 9, 11, 13	Read Section 12.1	14-Apr
		Cumulative AP Practice Test #3 pg 667 (all)		**(2 HW grades)**	**DUE AFTER Vacation**	
		April Vacation (APR15-24)				
12	2	12.2 Transforming with Powers and Roots **Activity 1: Finish 12.1 Regression Inference Video** **Activity 2: Video "The Ladder of Powers by David Bock" (on my website if you are absent)** **Activity 3: Start 12.2 Activity worksheet**	• Use transformations involving powers and roots to achieve linearity for a relationship between two variables. • Make predictions from a least-squares regression line involving transformed data.	#'s 17, 19 , 34, 35 **Complete 12.1 WS**	Read Section 12.2	26-Apr
	3	12.2 Transforming with Logarithms **Activity 1: Finish 12.2 Activity worksheet**	• Use transformations involving logarithms to achieve linearity for a relationship between two variables. • Make predictions from a least-squares regression line involving transformed data. • Determine which of several transformations does a better job of producing a linear relationship.	37, 39, 40, 41, 44 **Complete 12.2 WS**		28-Apr
		Cum. Take Home Test (1-12) - 40MC @ 3pts each - Grade based on 100 points - Can pick up Friday, April 29th after Per. 3/4; Due Friday, May 6.				
Review	1	**Review Day - Chapters 3 and 12**		**Cum. AP Practice Test #4 pg 799**		2-May
Review	2	**Review Day - Chapters TBD**		**Cum. Take Home Test (1-12)**		4-May
Review	3	**Review Day - Chapters TBD**		☺ **Study for AP Stats** ☺		6-May

Calc AB & BC(7) morning exam MAY 5th	**AP European History (2) May 6 at Noon**
AP Biology(0) morning exam May	**AP Spanish (0) morning exam May**

Mock AP Exam - Sunday, May 8th 3-6pm - BE ON-TIME ☺ … **I will supply pizza - BYOBeverage - Bring snacks to share.**					**8-May**
Review	4	**AP Mock Exam Review**		☺ **Study for AP Stats** ☺	**10-May**

AP Stats Exam (Thursay, May 12th at Noon)