2025-2026 AP Statistics Assignments

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

Chapter	Day	Assignments	Objectives	Homework	Reading	4B	3O
2	0 (post test)	2.1 Introduction, Measuring Position: Percentiles, Cumulative Relative Frequency Graphs, Measuring Position: z-scores	• Use percentiles to locate individual values within distributions of data. • Interpret a cumulative relative frequency graph. • Find the standardized value (*z*-score) of an observation. Interpret *z*-scores in context.	1, 5, 7, 9a-b	Section 2.1 - pgs 83-91	15-Sep	16-Sep
2	1	2.1 Describing Location and Cum. Freq. Plots ***Activity - 2.1A Explore Cum. Freq. Plot*** ***Activity 2.1B - Intro to Z-Scores and Normal Distribution***	• Describe the effect of adding, subtracting, multiplying by, or dividing by a constant on the shape, center, and spread of a distribution of data. • Approximately locate the median (equal-areas point) and the mean (balance point) on a density curve.	11, 13 and finish activities Starts Frappy's (read 1st 2 pages)	Finish Section 2.1	17-Sep	18-Sep
2	2	2.1 Transforming Data, Density Curves ***Activity - 2.1C Wolf STAT Company*** ***Activity - Review Frappy's and do 2005bQ1 in class***	• Describe the effect of adding, subtracting, multiplying by, or dividing by a constant on the shape, center, and spread of a distribution of data. • Approximately locate the median (equal-areas point) and the mean (balance point) on a density curve.	19, 21, 23, 31, (optional MC33-38) and finish activities	Section 2.2 - pgs 110-119	19-Sep	22-Sep
2	3	2.2 Normal Distributions, The 68-95-99.7 Rule **Activity - 2.2A The Empirical Rule (68-95-99.7)** **Activity - 2.2 DESMOS - SM2.2 - Back to the Normal Curve**	Use the 68–95–99.7 rule to estimate the percent of observations from a Normal distribution that fall in an interval involving points one, two, or three standard deviations on either side of the mean.	**Complete Activities**	Finish Section 2.2	23-Sep	24-Sep
2	4	2.2 (cont) Normal Distributions, The Standard Normal Distribution ***Activity - 2.2B Finding area under a Normal Distributions***	• Use the standard Normal distribution to calculate the proportion of values in a specified interval. • Use the standard Normal distribution to determine a *z*-score from a percentile. • Using Table A (calc commands: normalcdf and invnorm)	41, 43, 45, (47& 49 Sketch & Use calc!!), 51 and finish activities		25-Sep	26-Sep
2	5	2.2 Normal Distribution Calculations and Assessing Normality ***Activity - 2.2C Solving Problems with the Normal Distributions*** ***Review Frappy's in class*** 2.2 NOT COVERED-->Normal Probability Plots on the Calculator	• Use TI84 to find the percentile of a value from any Normal distribution and the value that corresponds to a given percentile. • Make an appropriate graph to determine if a distribution is bell-shaped. • Use the 68-95-99.7 rule to assess Normality of a data set. ~~• Interpret a Normal probability plot (not on AP exam)~~	53, 54, 55, 63, (optional MC69-7) **Finish activity** **Do Frappy's 2010B &2006B**		29-Sep	30-Sep
Ch1	add '25	How to score FRAPPY's Chapter 1 Q/A	Introduction to FRAPPY's - CHAP1: 2005q1 & 2010Bq1 CHAP2: 2006Bq1 & 2008q1	Complete Chapter 1&2 Frappy's (For each: 12min, score, correct)		Oct1 (½Day)	2-Oct
Ch1	add '25	Chapter 1 Test corrections due				OCT3, 10am	
Ch1	add '25	Chapter 1 Online Quizizz (10Q's, timed, opened at 3pm and closed at midnight				6-Oct	
2	6	**Chapter 2 Review** ***Activity - Chapter 2 Review***		1) TPS CH. 2 AP Practice Test 2) MM Video - Unit 2, Day3 "Linear Transformations"		3-Oct	6-Oct
2	**7**	**Chapter 2 Test**	**Chapter notes collected**	**1, 3, 9, 10**	**Section 3.1**	**7-Oct**	**8-Oct**
2	**7**			**MM Video Unit 3 Day 1**		**7-Oct**	**8-Oct**