AP Statistics
Chapters 1 & 2: Exploring Data & Normal Curves

Name:
Period:

Homework is always due the day of the unit test. **ALL STUDENTS MUST COMPLETE THE C1 & C2 HOMEWORK!!!**

Assign #	Week	Day Assign	In-Class Topic(s)	Assignment	Done (2 pts)
	Week of 08/17	Day 1	AP Statistics Introduction Part 1	Read Course Guide. Take Course Guide Quiz and Student Survey (links on Schoology).	
		Day 2	AP Statistics Introduction Part 2	Watch video on Mean and Median	
1		Day 3	1.1 Analyzing Categorical Data 1.1 Displaying Quantitative Data with Graphs	p. 6 #2, 3 p. 20 #10, 15, 23, 24 p. 41 #37, 49, 56 7 min Video on Spread and Unusual Values	
2	Week of 08/24	Day 1	1.2 continued 1.3 Describing Quantitative Data with Numbers	p. 69 #91, 94, 96, 103	
3		Day 2	1.2 continued CSSU Compare CSSU Posters	p. 41 #50, 58 p.69 #87, 100, 104, 105 p. 74 FRAPPY!	
4		Day 3	Game of Greed 2.1 Percentiles; Transforming Data 2.2 Density Curves and Normal Distributions	p. 99 #2, 7, 9c, 13, 16 (*be precise!*), 18, 19, 23, 28	
5	Week of 08/31	Day 1	Chapter 1 FRAPPY (***practice***)	p. 128 #35, 39, 41, 49, 51, 53, 55, 57, 59	
6		Day 2	2.2 Normal Probability Plots and Normal Practice	p. 129 #43, 61, 63	
			Special Minimum Day Schedule Friday, August 30	Study	
	Week of 09/07		**School Holiday Monday, September 7, 2020**		
7		Day 1	Chapter 1 & 2 Practice Ch 2 FRAPPY (***graded***)	Review Sheet *Optional: Chap2 Practice Test p.137 - 139*	
		Day 2	**Unit 1 Test** **Homework Due**		

Unit 1 - Chapters 1 & 2 - Exploring Data & Normal Distribution

#	Learning Target	Got it	Almost There	Needs Some work
1	I can identify individuals and variables for a set of data.			
2	I can define categorical and quantitative variables.			
3	I can describe the distribution of a set of data.			
4	I can distinguish between good and bad graphs.			
5	I can construct and interpret two-way tables for categorical variables.			
6	I can describe the relationship between two categorical variables using marginal and conditional distributions.			
7	I can construct and interpret a dotplot or stemplot.			

8	I can construct and interpret a histogram.			
9	I can describe the shape, center, and spread of a distribution.			
10	I can identify major departures from the pattern of a distribution (outliers).			
11	I can calculate and interpret measures of center (mean and median).			
12	I can calculate and interpret measures of spread (range, IQR, and standard deviation)			
13	I can identify outliers using the 1.5 x IQR Rule.			
14	I can make a boxplot.			
15	I can use appropriate graphs and numerical summaries to compare distributions of quantitative data.			
16	I can describe the location of an observation with a percentile.			
17	I can interpret a cumulative relative frequency graph.			
18	I can describe the location of an observation with a z-score and interpret z-scores in context.			
19	I can describe what happens to the shape, center, and spread of a distribution when data is transformed.			
20	I can describe and use the 68-95-99.7 Rule.			
21	I can find areas and percentiles in the standard Normal distribution.			
22	I can perform Normal distribution calculations and interpret their results.			
23	I can justify whether or not a distribution of data can be described as Normal.			