

	OBJECTIVE	Homework	Grade
Day 1 M 10/12	Quantitative Vs. Categorical Data CW: Partner Activity, Q vs. C	Categorical VS Quantitative Data 15 Questions	
Day 2 T 10/13	Bar Graph vs. Histograms Histograms and Dot Plots	Univariate Data Homework Frequency Tables and Histograms	
Day 3 W 10/14	Measures of Central Tendency Non- Calculator Mean vs. Median on graphs	Box and Whisker Plot Worksheet 1	
Day 4 Th 10/15	Using the Calculator for Statistics Notes	Calculating a Five Number Summary Classwork/Homework	
Day 5 F 10/16 Early Release	Extra Practice QUIZ	Statistics Homework	
Day 6 M 10/19	Comparing Data Sets Lab	Analyzing Data Worksheet	
Day 7 T 10/20	Comparing Data Sets: What would happen if.....	Homework from What would happen if... notes	
Day 8 W 10/21	Two-Way Statistics	Common Core Math Homework: Frequency Tables	
Day 9 Th 10/22	Two-Way Frequency Tables Day 2	Two Way Frequency Table Day 2 Classwork/Homework	
Day 10 F 10/23	Review for Statistics Test	Test Review Sheet	
Day 11 M 10/24	TEST: Statistics	Cumulative Review	

By the end of the unit I can...

- Represent data with plots on the real number line (dotplots, histograms, and boxplots).
- Choose and interpret the scale and the origin in data displays.
- Choose an appropriate level of accuracy when reporting statistical quantities.
- Use technology to calculate summary statistics and visually represent data.
- Based on the shape of a data distribution, choose the appropriate measures of center (mean or median) and spread (standard deviation or interquartile range) to describe the distribution.
- Interpret summary statistics for center and spread in the context of the data.
- Compare the center and spread of two or more different data sets in context.
- Interpret differences in shape, center, and spread in context.
- Use the context of the data to explain why its distribution takes on a particular shape.
- Explain the effect of outliers on the shape, center, and spread of data distributions.
- Use the 1.5IQR rule to determine if there are outliers in a data set.
- Define appropriate quantities to measure when collecting quantitative data to describe a population.

