Alg 2 CP

Statistics Unit Can You

Can You . . . .

* Identify a statistical question (Day 1)
* Recognize the roll of randomness in statistical studies (Day 1)
* Distinguish between surveys, observational studies and experiments (Day 1)
* Understand that only a well-designed experiment can be used to show causation (Day 1)
* Find the measures of center (mean, median, mode) of a data set (Day 2)
* Find measures of spread (standard deviation, IQR, range) in a set of data (Day 3)
* Make a histogram and box plot of a data set (Day 2&3)
* Identify outliers using the 1.5 IQR rule (Day 3)
* Use the graphing calculator to find summary statistics and make histograms and box plots (Day 3)
* Use the calculator to do a simulation (Day 4)
* Compare the shapes, center and spreads of two distributions (Day 5)
* Determine if a distribution is symmetric, skewed left or skewed right (Day 5)
* Solve problems with normally distributed data using the 68-95-99.7 rule (Day 6
* Use technology to solve problems with normally distributed data (Day 7)
* Compute a confidence interval from the sample statistic and margin of error (Day 8)
* Use confidence intervals to make conclusions (Day 8)
* Interpret the results of a hypothesis test from a simulation (Day 9 & 10)

Have You….

Completed the review assignment?

Reviewed your notes?

Studied the vocabulary?