

Tic Tac Toe Project

Directions: You must complete three activities in a row, and one must include the middle square. You decide the data you will use, but you must use one set of data to find measures of central tendency and dispersion and two sets of data to look for correlation. Each of the sets of data must contain at least 30 points.

Create a 3D graph representing the correlation of your 2 sets of data.	Create a book detailing how you determined the correlation of your 2 data sets.	Create a song or skit about whether your 2 chosen sets of data are correlated.
Create a presentation detailing how you can tell if your chosen sets of data are correlated.	Find the measures of central tendency and dispersion and defend which measure of each best represents your data.	Make a video detailing how to find if the data includes outliers.
Present results to class on your data that includes which measure of center and dispersion best represent your data.	Write a paragraph explaining whether your data has outliers and how you determined this.	Create a histogram, box plot, and dot plot of your data by hand or computer generated.