MATHEMATICS

Statistics, Data Analysis, and Probability

Grade 7		

1. Students collect, organize and represent data sets that have one or more variables and identify relationships among variables within a data set both manually and by using an electronic spreadsheet program.
 	
    7.1.1 Know various forms of display for data sets, including a stem-and-leaf plot or box-and-whisker plot; use them to display a single set of data or compare two sets of data
 	
    7.1.2 Represent two numerical variables on a scatter plot and informally describe how the data points are distributed and whether there is an apparent relationship between the two variables (e.g., time spent on homework and grade level)
 	
    7.1.3 Understand the meaning of and be able to compute the minimum, the lower quartile, the median, the upper quartile and the maximum of a data set		