**Questions for Webquest (Types of Variables)**

What is the definition of categorical data?

* Give two examples of categorical data.
* What is the definition of quantitative data?
* Give two examples of quantitative data.
* What is another name for Categorical data?
* In the oil painting example list two categorical variables and two quantitative variables.

How many of the questions did you get correct?  \_\_\_\_\_\_\_

* What are the two types of graphs mentioned in order to display categorical data?
* How can the data listed in the first type of graphical display for categorical data be represented as quantitative?
* What are the three types of graphical displays listed for quantitative data
* What are the steps in creating this last type of graphical display?
* What is one positive aspect of this type of graph?
* What is one negative to this type of graph?
* What is one positive and one negative aspect of this graph?
* Extra Credit:  What to do you when you have an outlier?  ([Outliers Oh NO!](http://www2.southeastern.edu/Academics/Faculty/dgurney/Math241/StatTopics/BoxGen.htm#BoxCon))
* What are two differences between this type of graph and a box plot?
* Do you always have to use the frequency as the y-axis?