1. Choose at least one person to work with but no more than 4.

Name: _____

Name: _____

Name: _____

Name: _____

2. Decide on what to collect data on. Examples: students shoe size, height of Detroit Red Wings players, scores for a basketball team in a season etc…

Collecting data topic: _____

How did you obtain the data (website, asked people, etc…): _____

3. Place your data in this space:

4. Find the following:

Minimum:

First Quartile:

Median (Second quartile):

Third Quartile:

Maximum:

Mean:

Standard Deviation:

4. Make a box-and-whiskers plot:

5. Do you think we could use your findings to apply to a larger population? Why or why not?

6. If you were to use your findings for research, what sample size would be beneficial to the study?

7. To what extent is the data we collected today reproducible by another class here at our school?