

Statistics Worksheet #1

You will be designing a survey.

Part 1: Preparing a Question to Investigate.

Choose a question that is of interest to you and appropriate for grade 9. A question that you would like to know the answer to.

Remember that the wording of your question is important. Try to make sure your question is not bias, is culturally sensitive and is ethical.

My Question:

Part 2: Selecting a Population and Sample.

What population will your survey represent?

How will you choose your sample (which sample method)?

Explain your sample method: How many will be sampled? How?

Part 3: Collecting Data

State when, where, and how your data will be collected.

When: _____

Where: _____

How: _____

How will you protect the privacy of your sample?

Make a tally (data table) to collect your data. Attach it to this assignment.

Part 4: Analyze and Display the Data

Create one graph to display your data. Choose an appropriate display for the data: line graph, bar graph, or circle graph.

The type of graph I used is: _____

- List 2 reasons why you chose this graph.

- _____

- _____

****Remember to attach your graph to this worksheet****

State a conclusion based on your results:
