BLM OLE.7#3: You Are the Pollster

Decide on a survey question. Word your question clearly so that no further explanation is required once it is asked. A survey that simply asks for a favourite… is not suitable.

1. Survey Question

_____

_____

a) I chose this question because _____

_____

_____

b) I predict that the results of the survey will show that_____

_____

because _____

_____

2. Data Collection

Number of People Interviewed	Gender		Age Range	Grade Range
	Number of Females	**Number of Males**		

Explain how the terms "total population" and "sample population" are part of your survey.

_____

_____

_____

3. Data Organization

Decide how you will organize and record the survey data. Will you tally the results, record data in a chart, or use some other organizer? Explain.

_____

_____

_____

You Are the Pollster *(continued)*

4. Graph

a) Decide what type of graph (line graph, bar graph, line plot, created by hand or by computer) would best represent the data.

Type of graph/plot _____

Created by _____

b) What is one disadvantage of the chosen method of representation?

_____

_____

_____

5. Interpretations, Inferences, and Conclusions

a) If the collected data is numerical, discuss
   - the range (the smallest and largest values) _____
   - the mean (the arithmetic average)_____
   - the median (the middle number) _____
   - the mode (the most frequent number)_____
   - any patterns observed _____

b) Was the data reasonable? Explain. _____

_____

_____

c) Compare the results to the predictions. _____

_____

_____

d) Make inferences about the results, draw a conclusion, and state an opinion on the final results.

_____

_____

At the Speak Ye! Hear Ye! session, be prepared to explain how the survey was conducted, display the graph, and explain the conclusion.