Data Management

Outcome: SP7.1
Demonstrate an understanding of the measures of central tendency and range for sets of data. (Mean, Median, Mode, Range)

Outcome: SP7.2
Demonstrate an understanding of circle graphs.

“In this final math project, you will be asked to create, assess, display, interpret and reflect on a collection of your own data.”

Project must include:

Data Question & Rationale: What is the question for your data management project? (See below!) Why is it important to study and collect data on this issue?

HOW MUCH DOES THE AVERAGE CANADIAN KNOW ABOUT ___ you choose a topic ___?
Ex: How much does the average Canadian know about musical theatre?
Ex: How much does the average Canadian know about ESD?

Data Collection Method: What method did you use to create and collect your data? (Ex: Sample survey, questionnaire, etc)

Describe the Sample/Population: Who participated in your data management project? Describe and/or explain.
*They must remain anonymous. You may ask about age, gender, and/or education

Organize & Simplify Data (Charts, tables, graphs): Explain and/or provide a visual on how you recorded the data you collected, and simplify it. You must show the overall average. Then, you must include basic raw data on two out of three categories: age, gender, education.

Mean, Median, Mode, and Range of Data: Complete for each.

Display Data: At least 3 different types of representation (One MUST be a circle graph - done by hand.)

Summarize, Interpret, and Conclude: What does your data mean? What does it teach us? Are there any factors that influenced your data? (Gender data, age data, education, cheating, etc)

Recommendations: What do we need to do with your data? How can it help?