# Foundations 11 - School Census Project

This project will take 3 classes to complete. The following outline explains what is required of you in completing the task:

**CLASS 1**

1. Choose a partner. You can work alone if you prefer but NO group will be larger than 2.
2. Together decide on a topic you want more information about. This information must be obtained through surveying people. Only survey data is consider valid information for the purposes of this assessment.
3. Determine your population. Decide whether you will survey your population or a representative sample. For example, you may choose to ONLY survey checkers club members or band students.
4. Design your survey by writing questions (minimum 10 questions, maximum 15). Answers should not be too open-ended. An example of a question that is too open-ended would be asking “what is your favourite song?”. There will be too many different answers to reach a useful conclusion. Questions should also not be too personal.
5. Peer review your questions with another group and get some feedback to ensure the questions are clear and getting at the information you require.

**BEFORE THE NEXT CLASS**

1. Conduct the survey (minimum sample size of 20, maximum 30). Record the results.

**CLASS 2**

1. Analyze the data (mean, median, mode, standard deviation if applicable).
2. Create a visually interesting summary of your results and conclusions. This will likely include charts. Put these into Google Slides (or other slide program) and include mean and S.D.

**CLASS 3**

1. Present your summary to another group. Email me your Google Slides link or other file so that it can be graded: afrost@sd61.bc.ca

# Ideas for questions if you’re stuck:

School related: favourite subject, time spent doing homework on average, recycling habits, participation in intermurals, post-secondary plans

Work related: hours spent at work on average, type of job

Personal taste/opinion: music, sports, video games, pets

Pro Tip: to make questions easier to analyze you may create a scale for some questions.

For example: “How much do you like cats?” could have the person you survey rate their feelings from 1 (strongly dislike them) to 5 (strongly like them).