

- Goals:** a) To create and disseminate a survey  
b) To analyze data and make conclusions  
c) To present finding

### **Instructions**

**1.** Create a survey using Google Forms ([forms.google.com](https://forms.google.com)) regarding a topic or theory you are interested in. For example, *Is there a difference in mobile device preference for males and females?* The survey should include the following:

- A **total** of 10-14 questions
- 2-4 demographic questions (e.g., sex, age, household, etc)
- 8-10 questions about the topic in which you are interested
- All questions should be short and clear
- Make all questions required

**2.** Before you collect data, your teacher needs to approve the questions. Send a private message to be approved. You then need to collect *at least* 50 responses from a target community (Boylston people, Tahanto students, only adults, etc). You may use email or interview people. The latter is more reliable. **Do NOT send a blast email out the BBRSD community.**

**3.** Once data is collected, analyze them on a spreadsheet. You must make 3-4 *insightful* conclusions accompanied by graph(s), if possible/relevant. Avoid observations similar to "I found that 34.5% of people liked blue." Rather, make statement comparing sub-groups or delving deeper into a sub-group. For example, "Of the people who liked blue, I found that the majority of them also eat Corn Flakes." These findings and graphs need to be transferred to the slides.

**4.** Make a presentation to summarize your findings. Make sure to see comments on previous presentations to improve your skills. In the slideshow, you must have the following slides (total of 7-9):

- a. Title slide (1)
- b. Purpose slide (1)
- c. Background and demographics (1-2)
- d. Slides with findings and graphics (3-4)
- d. Conclusion slide with overall thoughts and how you would improve your survey. (1)

### **What to Submit**

- a. Data spreadsheet
- b. Presentation

# Applied Math Large Survey

Name \_\_\_\_\_

Date \_\_\_\_\_

**Presentation and Survey Rubric:** All categories will be assessed on a scale of 1-5, 5 being Excellent.

Student Name		
Category	Level	Comments
Survey: organization, sections, advanced features, add Swenson as collaborator, grammar, etc		
Grammar, spelling, etc		
Presentation: Addresses the audience, volume, diction, body position, pacing, etc		
Appropriate number of slides		
Concise conclusions of collected data		
Relevant and clear graphics		
Insightful reflection and areas of improvement		
Appropriate amount of data		
<b>Average</b>		

## Rubric

A: Exceptional	4.4 - 5	D: Developing	2.2 - 2.99
B: Proficient	3.7 - 4.39	F: Inadequate	0 - 2.19
C: Basic	3.0 - 3.69		

