

MILESTONE 3: SURVEY PLAN

Topic: Does exercise affect your grades?

Population: Seycove Students

Sample: Voluntary Response Sample

Questions:

- Do you like exercise?
- Do you exercise willingly?
- On a scale from one to ten, how athletic are you?
- How many times have you exercised this week? (Number scale)
- How much time do you spend exercising? (Minutes, hours)
- How hard do you exercise (how much effort do you put into exercise)? (Number scale)
- How much time do you spend on school work?
- Do you exercise before a test/quiz?
- Does exercise help you focus on your work?
- How do you feel you did on your latest test/assignment?
- What is your grade average?
- Does spending time exercising prevent you from studying/working?
- Which is more of a priority? (exercise or school)

Correlation:

Question: Does exercise help you focus on your work? VS How do you feel you did on your latest assignment?

Hypothesis: If exercise helps the population focus on their work, then they may have a better mark on their latest assignment.

Question: How much time do you spend on school work? VS How much time do you spend exercising?

Hypothesis: The amount of time spent on school work can depend on how much time spent on exercise, and vice versa. However, there may be a third party that may affect this data (other hobby, sleep, etc)

Correlation and Causation:

Question: What is your grade average? VS Does spending time exercising prevent you from studying/working?

Hypothesis: The population's grade average can be affected by the amount of time spent studying/working. If exercising prevents them from working, then it may affect their grade average. However, the right amount of exercise can help certain people focus.

Numbers: We will use the chart in numbers to plot the "grade average" and the "amount of time".

How will we get our audience?

- Posters 📄
- QR Codes 📱
- Public Advertising 🗣️
- Basecamp Learner Central Chat 💬