

Group Presentation: CAVITIES AND KIDS



There is a widely held belief that eating candy increases cavities in kids and you want to test if this is true. In your groups you will need to do the following

1. Create a Null and Alternative Hypothesis for this study
2. Create **2(two)** ways you could study this. One experimental and one observational.

Make sure to include the following for **both** studies

- How big is the sample?
- Sampling Method (don't just write the method, be specific with how you will actually get the participants):
- Variable of Interest:

EXPERIMENTAL:

- Treatment
- Groupings?
- Before and after (how will you collect and analyze results)

OBSERVATIONAL:

- What are your questions (have some open and closed) minimum of 5
- How will you collect and analyze results?

REFLECTION:

- What do you need to take into consideration as you designed this study?