

Psychology	Name:
Design an Experiment	Section:
Leveled Assessment/4	Score:/10

Directions: Come up with an idea for a Psychological experiment you could do in your school, home, or community. Work through the Scientific Method to design your experiment. When you are designing your experiment make it an experiment you could plausibly conduct yourself. (When conducting experiment please follow the code of conduct and all laws!)

Step 1: Identify the Question you are trying to answer

- a. What is the purpose of your experiment?
- b. What type of experiment is it? Basic Research Applied Research Program Evaluation Explain How -

Step 2: Develop your Theory

a. Write your hypothesis

Step 3: Design your Experiment

- a. What type of Research methods will you use and how? How would you collect your data?
- b. What is your sample size/characteristics?
- c. What Independent and Dependent Variables are there?
- d. What Extraneous Variables might you also have to consider with the experiment?
- e. How will you attempt to limit any Bias in the experiment?

- f. What ethical considerations do you have to consider with this particular experiment?
- g. How will you know whether your results are valid or not?

Step 4: Collect your Data

- Go through your method to actually conduct your experiment
- If you are doing an observation or experiment record information about when/where/ how long/ etc... about where you made your observations
- If you are doing a survey attach a copy of the survey questions.
 - Note If you're doing a survey it would be easiest to do a paper survey or use survey monkey online
- If your research was a test include a copy of the test.
- Include copies of your data

Step 5: Analyze and Report your Findings

1. Summarize the findings of your data.

2. Did the data support your hypothesis or not? Explain.