**Designing your Own Psychology Experiment**

**(fun warm-up for the real IA later!)**

**20 point Classwork/Homework Grade**

**Directions:** Just like the real IA you discuss everything with your teammates; however, each person must write his or her own notes and answers to submit for Canvas Homework. Follow the directions on this sheet. ALWAYS discuss everything with your group teammates first, and then you each write your own notes on this sheet yourself.

**Overview:** You will work with a team to come up with a possible Psychology experiment you could theoretically run at TAS and would be interesting for our TAS community. You will discuss all the necessary considerations with your teammates and individually take notes on this sheet to submit for homework. (We will discuss possibilities to get Test Extra Credit points if you actually do your experiment later!)

FILL IN THE FOLLOWING INFORMATION INDIVIDUALLY AFTER YOU DISCUSS THE ANSWERS WITH YOUR TEAMMATES:

1. Your Name and your teammates’ names:
2. APPLE…A…Aim…Brainstorm some possible good topics for such a study…..and then write down your team’s chosen final study AIM:
3. What is your study’s HYPTOHESIS?
4. Which of the 4 kinds of studies will your study be and explain how and why?
5. Will your study be hoping to measure causation or correlation and explain how and why?
6. Does your study have an INDEPENDENT VARIABLE? If so- what is it?
7. Does your study have a DEPENDENT VARIABLE? If so- what is it?
8. Will your study involve an experimental and control group? If so- explain briefly?
9. APPLE….P….Participants…Who will be your participants? Which sampling method will you use and explain why you choose this sampling method?
10. Evaluate your choice of Participants and Sampling Method?
11. APPLE…P…Procedure….Briefly describe the Methods used in your study. How will you carry it out? What will it look like?
12. Analyze the INTERNAL VALIDITY of your procedure. (Try to use as many fancy Psych words as you can from pages 16-17 of the textbook)
13. APPLE…L…Link Results back to Aim….Just guess now…what results do you maybe guess you will find if you really did this experiment?
14. How could you ensure that your Results had high CONSTRUCT VALIDITY? (How could you be sure that it really was your IV that caused the DV change and not other Confounding Variables?)
15. APPLE…E…EVALUATION….Are there any Ethical Concerns you need to be aware of before and after you do this study and experiment? Explain?
16. ….E….Do you think this study would have High or Low EXTERNAL VALIDITY and why?