

CLASSICAL CONDITIONING EXPERIMENT

INTRODUCTION:

Ivan Pavlov was able to use classical conditioning to make a dog salivate to the sound of a bell. Often, humans and animals alike are conditioned to perform certain tasks. Each day, after you have been sitting in class for over 40 minutes, a bell rings and you leave class. That is a conditioned response to the sound of a bell. Classical Conditioning can be applied in many different situations. Your goal will be to develop a situation and, through the use of classical conditioning, attempt to produce a conditioned response.

PROJECT GOALS:

You will be designing a *hypothetical* experiment in which you take a neutral stimulus and condition a person or animal to respond to it. In your project, you will write up a full laboratory experiment. Each project will have the following:

- 1) **Question** – what are you trying to do?

Example: Can classical conditioning be applied to get a dog to salivate to the sound of bell?

- 2) **Hypothesis.**

Example: Using the neutral stimulus of a bell, a dog will produce the conditioned response of salivation.

- 3) **Experiment & Procedure.**

A clearly designed experiment including procedure written in *paragraph form*.

You must provide a **WRITTEN** outline of each step in the procedure. Illustrations of your experiment using clip art are encouraged. Be as thorough as possible. Imagine that your reader does not know anything about the subject or the experiment. **ASSUME NOTHING!** Define all terms used! Be sure to tell me what an unconditioned stimulus is. **I don't know anything!**

NO ACTUAL EXPERIMENTATION WILL TAKE PLACE!!!
YOUR PROJECT WILL ONLY BE OUTLINED IN A PAPER AND NOT EXCEED THOSE BOUNDARIES. IF I FIND THAT YOU HAVE PERFORMED EXPERIMENTS, YOU WILL FAIL THE PROJECT AND BE REPRIMANDED ACCORDINGLY.

- 4) **Conclusion – Potential Results**

Be sure to provide a good wrap up of your experiment here. Include the *potential results* of the experiment – in other words, do you think your experiment will work. What are some factors that can make your experiment a success? Why do you think your experiment may fail? Could your subject generalize their response?

USE THE LITTLE ALBERT CASE STUDY AS A MODEL ON HOW TO WRITE UP YOUR EXPERIMENT.

You will be given TWO library days to complete this project.