

# Experiment protocol

## Instructions

### What

Your experimental protocol is designed to concisely inform the reader about how the study will be run. The protocol includes information about the set-up, materials, activities and schedule. This would allow the experiment to be repeated with reproducible outcomes.

### How

The documents you have created so far will help you create your experimental protocol.

### Purpose

A statement that includes;

- your research question [http://msp.anna-kay.co.uk/wp-content/uploads/01\\_Define-research-question.pdf](http://msp.anna-kay.co.uk/wp-content/uploads/01_Define-research-question.pdf)
- hypothesis - [http://msp.anna-kay.co.uk/wp-content/uploads/02\\_Define-assumption-and-hypothesis.pdf](http://msp.anna-kay.co.uk/wp-content/uploads/02_Define-assumption-and-hypothesis.pdf)

### Materials

The material someone would need to replicate your experiment;

- Material list - [http://msp.anna-kay.co.uk/wp-content/uploads/10\\_Collect-create-study-material.pdf](http://msp.anna-kay.co.uk/wp-content/uploads/10_Collect-create-study-material.pdf)

### Methods

How to carry out the experiment including;

- Equipment that will be used
- Subjects
  - Inclusion/exclusion criteria
  - Where they will be recruited
  - Recruitment procedure
  - Screening procedure
  - Time commitment
  - How many groups there will be
- What the participants will be asked to do
- Duration/time frame of the experiment

- Data collection
  - What you will measure
  - How it will be collected
  - How it will be analysed
- How you will communicate with the participants

### **Controls**

Explicit statement about the variables, including;

- Independent variables
- Control variables

### **Data interpretation**

How you will measure the results;

- Data collection plan
- How you analyse what you've done

# Experiment protocol template

Experimental protocol	
<b>Purpose</b>	
<b>Materials</b>	
<b>Methods</b>	
<b>Controls</b>	
<b>Data interpretation</b>	