**Research question**

My research question is

**Justification of research question**

The reason my rq is important is

**Hypothesis:**

My hypothesis is

**Justification of hypothesis:**

I think this will happen because

**Background research**

The topic this relates to is….and some interesting science related to my experiment is...what is not known is…..Other scientists have already found this out…….

**Variables**

Independent is

Dependent is

5 control variables are

5 uncontrolled variables

**Procedure**

**My preliminary aim will be….**

**I need to do this because…**

**My preliminary method will be…**

**My variables for the preliminary will be**

**If I get this result, it will mean…**

My set up is like this

My procedure steps look like this

My first trials look like this, and I realised I need to change this

**Safety / Ethical implications**

Some safety or ethical implications or my IA are. In order to resolve these issues I will take the following steps

**Data analysis**

This is my data analysis table

This is my graph

Looking at my graph, these are the most important patterns I see

Some of the data doesn’t fit the same pattern, this may be because….

I did the following statistics to find out…..

According to the statistics….

**Conclusion**

My data either supports my hypothesis, opposes my hypothesis or does not do either.

I know this because…

**Evaluation**

Some strengths of my methodology were

Some sources of error are.

These have affected my data in the following ways

I could improve my method to address these errors by

Some limitations of my experiment are

I could extend my experiment to address these limitations by

Some other scientists have found that..and this relates to my findings because

Upon reflection, I think a suitable extension to my investigation would be