

Experiment Design

Title

Descriptive title of your experiment

Authors

Group names

Per.

#

Problem

Describe the problem you've been presented with

Premise (Biological or Scientific Concept)

What concept(s) is/are the problem testing?

Hypothesis and/or Prediction

Provide a hypothesis (if appropriate) or predict what you think will happen in your experiment. What are you expecting to happen? How will you know if your results support your expectation?

Materials

List of all materials necessary to carry out your experiment

Procedure

Detailed outline of the steps you'll take to conduct your experiment

Data – Collection

What data will you collect and how will you collect and record it?

Data – Presentation

How will you present your findings? A table and/or graph? What kind of graph? Why?