



Investigation Planner

Investigation title

Aim

What's your hypothesis?

(Make a prediction about what you think will happen, based on your existing knowledge.)

Variables (things that can change):

- **Independent** (the variable you're changing, to see if it has an effect)

- **Dependent** (the variable you measure, which is affected by what you're changing)

- **Control** (other variables that could affect your results)



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What method will you use? (List the steps below.)

What equipment will you need?

Are there any hygiene or safety risks, or ethical issues, you need to consider?

How will you collect your results?

(Think about the most efficient and accurate way to record your findings.)

Now you're ready to carry out your planned investigation. Think about how you'll present your results to communicate your findings clearly, so you can **analyse** them and draw **conclusions**.

Remember that good scientists always **evaluate** their work when they have completed their investigations. Ask:

- Could any of the control variables have affected the results?
- How could I do the experiment differently to try to take this into account?
- Would I have the same findings if I repeated the investigation?
- What other questions could I investigate?
- How could my results be used to advance future research?