

A help sheet for writing up your experiment

It would be helpful to go through this sheet with somebody at home.

Title of Experiment

You should make sure that your title tells people a little bit about your experiment. For example, if you are trying to find out how to grow the healthiest plant, your title could be 'Effects of Sunlight on Plant Growth' or 'Effects of Water on Plant Growth'. Think carefully about what your experiment is about.

Equipment

What equipment did you use? Did you use test tubes, scissors, pens, pencils? List all the materials that you used in your experiment here.

Prediction

This section is for you to write what you think will happen to the flowers. This is usually completed before you even begin the experiment, but today you may have to think back to Monday as to what you thought might happen. You also need to try and explain what you think might happen.

Method

This part means what you did and how you did it. What were the steps that you took to complete your experiment? What did you do with the materials that you used? Think of this section as a step-by-step guide for your experiment. This is rather like writing instructions. Do you remember when we wrote the instructions for how to wash a woolly mammoth?

Scientific diagram

Draw a diagram here of the experiment set up. Label the diagram. Use a ruler to draw straight lines and label the different parts. E.g, white flower, red coloured water, glass

Results

This part of your experiment write up should include only results - the facts as to what happened. What happened to the flowers?

Reflection

In this section, you should discuss the results. Why do you think the petals turned a different colour? What does this mean about how water is transported (moved) around a plant?