

# EXPERIMENTAL RESEARCH

Choose a science related topic you are interested in. Gather information and read about your topic. Decide on an experiment you would like to conduct. Make a guess ( prediction/hypothesis) about what you think will happen with your experiment. Investigate your hypothesis – set up your experiments to test your hypothesis – you should have a control group to compare with. Collect your data - keep a log or take photos of what happened. Analyse your results – what happened and why do you think it happened. Work through your results and say whether they either support or disprove your hypothesis. You must keep a list of references ( bibliography ) that you used and put at the end.

Write up your experiment on an A2 piece of paper, or cardboard. Make sure it includes the following:

1. Name of your experiment
2. Hypothesis – (Guess or predict what you think will happen)
3. Method – Write what you did to test your hypothesis
4. Observations –Write what you saw happening – It is good to include photos of changes as they occur so people can see what you did.
5. Results – Make a table to show your results.
6. Conclusion – Was your hypothesis proven?
7. Bibliography – Make a list of resources you used
8. Acknowledgements – Write a thank you to people who helped you.

Here are a few ideas to help get you started:

