

INTRODUCTION

Why did you choose this topic?
What books/websites did you use to get information?
What exactly are you going to investigate? Write it out clearly as a statement.



PLANNING

What do you think could happen?
Write down all the variables (things that could change).
How do you make this test fair?
What will you measure?
How many measurements will you make and how many times do you repeat each measurement?
List everything you need to carry out the investigation.
List the tasks to be done



PROCEDURE

Draw a diagram.
Describe apparatus/equipment arrangement, if appropriate.
Outline how you carried out your list of tasks.
List safety issues/protective clothing & equipment used.
Decide on how you will present data.



ANALYSIS

Carry out any necessary calculations.
Make a statement of your results and discuss your findings. Try to explain any relationship you find between the data obtained.
What do the results tell you?
Did you notice anything unusual?
If there was a trend in your results, was it the same across the full range of data?
Try to draw a conclusion about your investigation.



COMMENTS/REVIEW

Did your results agree with what you thought would happen, or did they solve the problem posed?
Was there anything else that might have affected your results that you did not take account of in the investigation?
Was there any part of your procedure that could have resulted in inaccurate results?
If you were to do it again, what would you do to refine it?
How could your investigation be of help in the real world?

Investigation