

Science and Technology Fair.

Your science and technology fair board will be set out something like this:

Background	<u>Title</u>	
Question	Representations of data: Pictures/photos	Testing and results
Hypothesis	Graphs tables and diagrams	Conclusions
Research	<i>You can display items in the front of the board and must have your log book in front also.</i>	References
Aim		Acknowledgements
Methodology		(you can print landscape with small margins if you have lots of writing, to fit writing across these side panels)

Background (not essential)

This is where you explain what motivated you to do your investigation – you might explain the problem that your testing sets out to solve or answer. If you are testing how to make more of your popcorn pop, you might explain the dangers or costs of unpopped corn. Some research and reading will help you here.

Question

This is your question that you are trying to find some explanation or answer for. (Of course, you may not actually be able to fully answer it, but you can still do a good project). **NOTE:** If you do not have a Background, then the purpose of your investigation must be made very clear here.)

Hypothesis

What you think the results will be, what you think will happen or result from your test/experiment. You might have more than one hypothesis!!

Research

You should try and find out if there are solutions to the problem you are trying to solve or answers to your question – you will benefit from reading widely and summarising this here. Remember to keep the title and author of everything you read to put under references – other than just Wikipedia PLEASE!!

Aim

What were you hoping to learn, prove, find out or achieve?

Methodology

How you did it. Include resources used and materials, where, how long, etc. Someone else should be able to replicate your project from reading this! Write this in the past tense. Photos help tell the story.

Testing and results (your findings)

All the results from your survey/test/experiment here please – your graphs etc will provide evidence to support your statements and findings. Do not expect your viewers to read your graphs and tables – explain EVERYTHING in writing in the results section. Remember to label all graphs and the X and Y axes.

Conclusions I have learned that... I have found that.... (important to do this!!) Next time I would... other questions I have....

References all books etc, websites, please ensure you have something other than wikipedia

Acknowledgements – not essential, but you could thank the participants and any mentor.

FUTURE: if you think that your investigation will be relevant to, and positively enhance life in the future you should also add this information. You should make a heading “Future” and explain briefly how the topic/findings positively affect the future.