

# Glossary for Science Investigations

Analyse	To think about or examine something carefully
Classify	Put things of the same type into categories
Conclusion	What you can say in answer to your question, by looking at your investigation's results
Data	Information that has been collected
Data Logger	An electronic device that records information (e.g. sound, light, temperature) over a period of time
Dependent variable	The thing that you measure in your experiment
Diagram	A labelled picture that shows the parts of something or how it works
Effect	Something that happens as a result of an action
Equipment	The things that you need for your investigation
Evaluate	Think about what was good or bad about something
Evidence	Information that helps to show something is true or not true
Experiment	A type of investigation where you change one thing to see if it causes an effect on something else
Fair Test	A type of investigation where you change one thing and keep everything else the same
Identify	Recognise something as being of a particular type (e.g. identifying a plant as being of a particular species)
Independent Variable	The one thing that you change in your experiment
Investigation	A method of finding out about something
Limitation	A problem or error in an investigation that might affect the results
Method	A way of carrying out an investigation
Observe	To watch something with attention
Prediction	A guess about what will happen, based on what you already know
Question	What you want to find out or answer through investigation
Research	Investigation into a subject to find out facts about it
Results	The outcome of your investigation
Survey	A collection of facts, figures or people's opinions about something
Theory	A testable idea about how something works
Variable	Something that can change