risk assessment, outlier, mean, line graph, bar chart, pie chart, analyse, line of best fit, conclusion, evaluate, confidence, random error, systematic error

Final

assessment

Review of learning

Apply:

In all topics

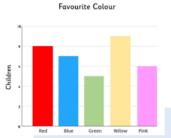
Revision

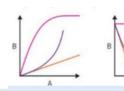
Retrieval, keyword definitions and recall of each lesson as shown here.

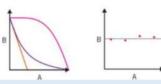
How to improve my experiment and make my results valid

> **Evaluating data** How to evaluate data and make improvements based on our findings.









Analysing Data

Drawing bar charts and line graphs. What do the graphs show?

Recording data

Use a pencil and ruler to draw a table of results.

		Dependent Variable (Unit)			
	Independent Variable (Unit)	Test 1	Test 2	Test 3	Average
	0.0	0.0	0.0	0.0	0.0
	1.0	0.5	0.4	0.9	0.6
	2.0	1.5	1.2	1.2	1.3
	3.0	1.7	1.8	1.9	1.8
	4.0	2.5	2.1	2.3	2.3
	5.0	3.1	3.2	2.7	3.0
-					



Planning an investigation

Choose your independent variable and how to plan a safe experiment to make a conclusion.

Asking scientific questions

Identify independent, dependent and control variables

Working safely: tie hair back, mop up spills, use glass equipment carefully, don't burn yourself by touching hot equipment

Using the Bunsen burner

Label and use the Bunsen burner



LESSON 1

Working Safely in a science laboratory.

What are the safety rules and the different Hazards and symbols



Retrieve how to make an experiment

fair, scientific equipment, graph drawing and working safely.



Drawing scientific equipment

Naming and drawing scientific equipment

Observation, investigation, data,