

B1.0: **Working Scientifically**

Lesson	Objectives Tracker Sheet	Date covered	I know this well	I need to do more work on this
1.1 Hazards symbols and working safely	Identify hazards in a laboratory			
	Explain how risks and hazards in a laboratory can be reduced			
1.2 Scientific equipment	Name & draw scientific equipment			
1.3 Using the Bunsen burner	Label the parts of a Bunsen burner			
	Explain how to use a Bunsen burner safely			
1.4 Asking Scientific questions	Identify independent, dependent and control variables			
	Explain why all other variables should be controlled			
1.5 Planning investigations	Describe how to write a plan for an investigation			
1.6 Recording data	Describe how to make and record observations and measurements			
	Present data appropriately in tables and graphs			
	Calculate a mean from repeat measurements			
1.7 Analysing data	How to draw a bar chart and line of best fit			
	Explain the difference between categoric and discrete data			
	Predict outcomes using a line of best fit.			
1.8 Evaluating data	Describe the stages in evaluating data			
	Suggest ways to improve a practical investigation			