

Unit Title: The Investigative Process, Principles And Practical Skills
Unit Level: Level 2
Unit Credit Value: 3
GLH: 24
LASER Unit Code: WJD471
Ofqual Unit Code: T/504/9229

This unit has 4 learning outcomes.

LEARNING OUTCOMES		ASSESSMENT CRITERIA	
The learner will:		The learner can:	
1.	Be able to produce a plan to test a hypothesis.	1.1	Produce a simple testable hypothesis.
		1.2	Produce a plan identifying variables which need to be controlled.
		1.3	Record apparatus/materials to implement the plan.
2.	Be able to implement a practical investigation.	2.1	Follow instructions to carry out an investigation methodically.
		2.2	Use instruments to obtain consistent results.
		2.3	Make contemporaneous records.
		2.4	Record readings or observations.
3.	Be able to work safely in the laboratory.	3.1	Carry out a risk assessment.
		3.2	Follow laboratory safety procedures.
		3.3	Handle and organise apparatus safely.
		3.4	Identify common hazard warning symbols.
4.	Know how to interpret results.	4.1	Apply an appropriate numerical or graphical technique to the data.
		4.2	Describe trends.
		4.3	Draw conclusions.
		4.4	Relate results to scientific principles.
		4.5	Identify some errors and/or anomalies and limitations.

Assessment Guidance:

NA

Additional Information:

NA