

Access to H.E. National Programme Unit



Unit Title:	Science: Biological Practical Skills	Ungraded Unit Code:	UD33DEV31
Pathway(s):	All Pathways		
Module(s):	Developmental		
Level:	3	Credit Value:	3
Valid from:	11/11/19	Valid to:	31 st July 2024

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the principals involved in the design of a controlled biological investigation	1.1 Define a biological problem or question and produce a testable hypothesis
	1.2 Identify independent, dependent and control variables relating to the problem
	1.3 Plan a practical investigation to test a hypothesis
	1.4 Carry out a risk assessment and identify potential hazards associated with the investigation
2. Carry out practical investigations safely and efficiently	2.1 Complete a biological investigation to obtain a range of relevant, valid results in which anomalies can be identified
	2.2 Demonstrate regard to their own safety and the safety of others
3. Follow conventions in the interpretation of results, formation of conclusions and report writing	3.1 Analyse the results of a biological investigation, using appropriate statistical analysis
	3.2 Represent results using graphs or other appropriate representations
	3.3 Evaluate results and draw valid conclusions
	3.4 Evaluate the procedure used and suggest improvements
	3.5 Follow established conventions to produce a written report of the investigation

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