

Unit Title: Understanding Ecology And Conservation
Unit Level: Level 2
Unit Credit Value: 6
GLH: 48
LASER Unit Code: WJD488
Ofqual Unit Code: K/504/9339

This unit has 6 learning outcomes.

LEARNING OUTCOMES		ASSESSMENT CRITERIA	
The learner will:		The learner can:	
1.	Understand the interaction of plants and animals in a given eco-system.	1.1	Describe the main plants and animals in a habitat or eco-system.
2.	Understand plant structures and their purpose(s).	2.1	Identify the constituent parts of the main plant structures.
		2.2	Describe the functions of the parts identified.
		2.3	Describe adaptations to the environment.
3.	Understand the basic principles of species evolution.	3.1	Describe separate species development by genetic change.
		3.2	Explain what is meant by the concept of 'survival of the fittest'.
		3.3	Define concisely populations and communities.
		3.4	Describe the make-up, location and function of genes.
		3.5	Describe the contribution of genetic variation to species adaptation.
4.	Understand eco-system development.	4.1	Describe eco-system development.
		4.2	Describe mature vegetation zones.
		4.3	Describe succession.
		4.4	Describe the eco-system development in one British environment.
		4.5	Identify associated plants and animals at each stage and in each habitat.
5.	Explore an environmental issue.	5.1	Investigate an environmental issue.
		5.2	Discuss the environmental issue selected.
		5.3	Develop a personal evaluation and conclusion of the environmental issue.
6.	Understand the need for plant and animal conservation.	6.1	Describe the principles of conservation.
		6.2	Describe environmental and social benefit.

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Assessment Guidance:

NA

Additional Information:

NA
