

Qualification Unit

This unit forms part of a regulated qualification.

Unit Title: Ecology and Conservation

Unit Reference Number: J/615/8465

Level: Level One

Credit Value: Three (3)

Minimum Guided Learning Hours: 27

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know how plants and animals interact with their environment	1.1 Identify how one plant and one animal relationship might affect their environment
2. Understand plant structures and their purpose(s)	2.1 Name the main plant structures and state their functions
3. Know the principles of species evolution	3.1 Outline how separate species develop by genetic change
	3.2 Define the term 'survival of the fittest'
	3.3 Define the terms 'populations' and 'communities'
4. Understand ecosystem development	4.1 Outline ecosystem development using standard terms
	4.2 Describe mature vegetation zones using standard terms
	4.3 State an example of succession with reference to one group of associated plants and animals
5. Be able to assess an environmental issue	5.1 Investigate an environmental issue
6. Understand the reasons for plant and animal conservation	6.1 State the principles of conservation
	6.2 Outline environmental and social benefits of conservation