

Unit Title: Understanding Ecology and Conservation	
Level:	One
Credit Value:	3
GLH:	27
OCNLR Unit Code:	QA3/1/LQ/004
Ofqual Unit Reference Number:	Y/505/6576

This unit has 6 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the impact of plant and animal interaction on the environment.	1.1. Identify one relevant circumstance, showing how one plant and one animal relationship might affect their environment.
2. Understand plant structures and their purpose(s).	2.1. Name constituent parts of all the main plant structures and identify their functions in non-technical terms.
3. Understand the basic principles of species evolution.	3.1. Identify in basic terms, separate species development by genetic change. 3.2. Outline what the concept of 'survival of the fittest' means. 3.3. Define populations and communities.
4. Understand eco-system development.	4.1. Outline eco-system development using standard terms. 4.2. Concisely describe mature vegetation zones using standard terms. 4.3. Outline the process of succession with examples of associated plant and animal groups.
5. Understand an environmental issue.	5.1. Identify key facts in relation to a chosen topic, for example, peat cutting/use of pesticides, that reflect the pros and cons.
6. Understand the need for plant and animal conservation.	6.1. State the main principles of conservation. 6.2. Outline basic environmental and social benefits in natural and man-made environments.

Assessment

The grid below gives details of the assessment activities to be used with the unit attached. Please refer to the OCN London Assessment Definitions document for definitions of each activity and the expectations for assessment practice and evidence for verification.

P = Prescribed This assessment method *must* be used to assess all or part of the unit.

O = Optional This assessment method *could* be used to assess all or part of the unit.

Case Study		Project	
Written question & answer/test/exam	O	Role play/simulation	
Essay		Practical demonstration	P
Report		Group discussion	
Oral question and answer	O	Performance/exhibition	
Written description		Production of artefact	