Open Awards Qualification Unit

This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Ecosystems and the Environment
Unit Reference Number:	A/615/6289
Level:	1
Credit Value:	3
Minimum GLH:	26

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the different methods of identifying species and measuring their distribution/frequency/abundance in a habitat	1.1 Outline the different methods for identifying species
	1.2 Describe how to measure a species' a) Distribution b) Frequency c) Abundance In a habitat
	1.3 State how to classify organisms/species
2. Be able to construct and interpret food chains/webs	2.1 Construct a food chain/web for a given habitat
	2.2 Identify the different prey and producers
	2.3 Identify biotic and abiotic factors that will affect a community
	2.4 Give reasons for the importance of interactions between organisms/species
3. Know the importance of biodiversity	3.1 Give a definition fo the term 'biodiversity'
	3.2 Outline the importance of biodiversity
4. Recognise the impact of human interactions on an ecosystem	4.1 Give examples of both positive and negative interactions humans can have with ecosystems

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5.	Recognise the role micro-organisms play in the cycling of materials through an ecosystem	5.1	Outline the role mico-organisms play in the cycling of materials through an eco-system (decomposers in decay)

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