

Unit Title: Understanding our Environment
Level: Two
Credit Value: 2
GLH:
NOCN Unit Code: RH4/2/EA/008
QCA Unit Reference
Grading Descriptor Number(s): Not applicable

This unit has 3 learning outcomes.

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the importance of photosynthesis.	1.1. Describe photosynthesis using the word equation. 1.2. Explain how plant cells and structures are adapted to carry out photosynthesis.
2. Understand how living organisms interact with each other and their environment.	2.1. Define using examples, habitat, niche, community, ecosystem and population. 2.2. Construct a food chain comprising four levels from a named habitat. 2.3. Define using examples herbivores, carnivores, omnivores, decomposers, producers, primary and secondary consumers.
3. Understand the carbon cycle.	3.1. Produce with a brief description, a diagram of the carbon cycle containing respiration and photosynthesis. 3.2. Describe the main factors which affect the composition of our atmosphere. 3.3. Describe three ways in which human activity has impacted on the composition of the atmosphere.



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ASSESSMENT INFORMATION

Guidance:

This grid gives details of the assessment activities to be used with the unit attached. Please refer to the NOCN Handbook for definitions of each activity and the expectations for assessment practice and evidence for moderation.

The assessment activities for this unit are indicated in the table below:

Key: P = Prescribed – this assessment method *must* be used to assess the unit.
O = Optional – this assessment method *could* be used to assess the unit.

Case study		Project	
Written question & answer/test/exam		Role play/simulation	
Essay		Practical demonstration	
Report		Group discussion	
Oral question and answer		Performance/exhibition	
Written description		Production of artefact	
Reflective log / diary		Practice file	

Signposting Key Skills

This unit offers clear opportunities for learners to provide evidence of achievement in Key Skills achievement in the following skill area/s:

Key Skill		Wider Key Skill	
Communication		Working with others	
Information Technology		Problem solving	
Application of Number		Improving Own Learning and	



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		Performance	
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Unit Title:
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QCA Unit Reference Code:
Accredited Start date:
Accredited End date:
Unit Sector/Subject area:
Grading descriptors:
Availability for Use:

Purpose and Aim of the Unit	Free Text
Restrictions on the Availability	Free Text or N/A
Additional Assessment Requirements	Free Text or N/A
Details of relationship between the Unit and the NOS	Free Text or N/A
Details of relationship between the Unit and Standards (not NOS)	Free Text or N/A
Endorsement of the Unit by	Free Text or N/A