Unit Title	**The Ecological Application of Permaculture**
Level:	**Two**
10 Hr Credit Value:	**3**
Unit Code:	**BZJ352**

This unit has 4 **learning outcomes**

LEARNING OUTCOMES **The Learner will:**	**ASSESSMENT CRITERIA** **The Learner can:**
1. Differentiate between sustainable and unsustainable management of resources.	1.1 Describe the difference between sustainable and unsustainable practice in resources such as food, soil or water in situations such as a woodland, a garden or a farm. 1.2 Describe how these can be better managed sustainably in the local environment.
2. Apply the workings of natural systems to designing for the sustainable use and management of selected resources.	2.1 Use a given Permaculture design process (such as SADIM) to suggest changes in resource use and management based on the workings of natural systems to increase sustainability. 2.2 Reflect on the success of this design over a given period of time.
3. Demonstrate a practical application of knowledge of ecological issues within Permaculture.	3.1 Identify microclimates in a landscape relevant to self, and suggest how to use them. 3.2 Describe own needs in terms of soil or water ecology in a selected situation, and describe how to meet them.
4. Demonstrate sustainable personal use of natural resources.	4.1 Identify own involvement in, and impact on, food cycles. 4.2 Describe strategies for own sustainable strategies for food sourcing and consumption that reduces the impact on the local or wider environment.

Unit Title	**The Ecological Application of Permaculture**
Level:	**Three**
10 Hr Credit Value:	**3**
Unit Code:	**BZJ342**

This unit has 4 **Learning Outcomes**

LEARNING OUTCOMES **The Learner will:**	**ASSESSMENT CRITERIA** **The Learner can:**
5. Differentiate between sustainable and unsustainable management of resources.	1.1 Observe and analyse, in terms of sustainability, the management of a number of resources (eg. soil, water, woodlands, gardens, farms, food) in the local or wider environment.
6. Apply the workings of natural systems to designing for the sustainable use and management of selected resources.	2.1 Design changes in resource use and management based on the workings of natural systems, in order to increase sustainability in the local or wider environment. 2.2 Reflect on the success of this design over time.
7. Demonstrate a practical application of knowledge of ecological issues within Permaculture.	3.1 Identify and where appropriate use, microclimates in a relevant landscape. 3.2 Apply knowledge of soil or water ecology to a situation relevant to own needs on own or as part of a group..
8. 4. Demonstrate personally the sustainable use of natural resources.	4.1 Identify and evaluate own involvement in and impact on food cycles. 4.2 Create an action plan to develop and maintain own sustainable strategies for food sourcing and consumption that reduces the impact on the local or wider environment.

Unit Title	**The Ecological Application of Permaculture**
Level:	**Three**
10 Hr Credit Value:	**3**
Unit Code:	**BZJ342**

Assessment information

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

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	y	Working with others	y
Information Technology		Problem solving	y
Application of Number	y	Improving Own Learning and Performance	y