

Title:	Plant Selection.
Level:	1
Credit value:	3
GLH:	27
Unique Reference Number:	M/504/0738
Sector Subject Area:	3.2 Horticulture and Forestry
Aim:	The aim of this unit is to provide learners with the skills and knowledge to be able to understand plant selection.
Assessment Type:	Assessment of this unit will be through the completion of a mandatory internally set and internally assessed portfolio of evidence.

Learning outcomes

The learner will:

1. Understand the characteristics and uses of plants.

Delivery content:

The aim of this learning outcome is to provide the learners with the knowledge and skills to understand the characteristics and uses of plants.

The learner must:

- 1.1 Understand **aesthetic characteristics of plants.**
- 1.2 Describe **functional characteristics of plants.**
- 1.3 Identify **different categories of plants for specific purposes.**

2. Be able to select plants for specific uses and locations.

Delivery content:

The aim of this learning outcome is to provide the learners with the knowledge and skills to be able to select plants for specific uses and locations.

The learner must:

- 2.1 Identify plants suitable for different locations.
- 2.2 Identify plants suitable for a specific function or aesthetic purpose.

3. Understand the establishment and maintenance needs of plants.

Delivery content:

The aim of this learning outcome is to provide the learners with the knowledge and skills to understand the establishment and maintenance needs of plants.

The learner must:

- 3.1 Understand **establishment needs** of specific plants.
- 3.2 Describe **routine maintenance needs** of specific plants.

Scope of Training

The Scope of Training identifies areas that must be covered during the delivery of this unit. This is the minimum that is expected but tutors are expected to include other areas, knowledge of which will benefit their learners, based on location, types of work available and from the tutors own professional experience.

Requirements

<p>1.1 Aesthetic characteristics of plants.</p>	<p>Should include, but not limited to:</p> <ul style="list-style-type: none"> • Colour. • Texture. • Shape. • Size. • Form. • Foliage density. • Seasonal interest.
<p>1.2 Functional characteristics of plants.</p>	<p>Should include but not limited to:</p> <ul style="list-style-type: none"> • Shade provision. • Windbreaking. • Erosion control. • Wildlife habitation. • Privacy screening. • Air purification. • Soil enrichment.
<p>1.3 Different categories of plants for specific purposes.</p>	<p>Could include, but not limited to:</p> <ul style="list-style-type: none"> • Ornamental plants. • Edible plants. • Medicinal plants. • Aquatic plants. • Climbing plants. • Ground cover plants. • Hedging plants. • Indoor plants.

<p>3.1 Establishment needs.</p>	<p>Could include:</p> <ul style="list-style-type: none"> • Suitable soil conditions. • Adequate water supply. • Proper drainage. • Appropriate sunlight exposure. • Nutrient availability. • Protection from pests and diseases. • Support structures.
<p>3.2 Routine maintenance needs.</p>	<p>Should include, but not limited to:</p> <ul style="list-style-type: none"> • Watering. • Weeding. • Pruning. • Fertilising. • Mulching. • Pest and disease control. • Staking or supporting. • Deadheading flowers.