

Title:	Carrying Out Basic Cultivation Tasks
Level:	Entry Level 3
Credit value:	2
GLH:	20
Unique Reference Number:	K/652/0017
Sector Subject Area:	14.1 Foundations for Learning and Life
Aim:	The aim of this unit is to provide learners with the knowledge and skills to carry out basic cultivation tasks safely and effectively. Learners will understand the purpose of soil preparation and will complete simple cultivation activities under supervision. This unit supports progression into practical horticulture roles by developing essential ground preparation skills used in a range of planted environments.
Assessment Type:	Assessment of this unit will be through an internally set and internally assessed portfolio of evidence.
Assessment Guidance:	<p>Assessment decisions for skills-based learning outcomes must be made during the learner's normal work activity.</p> <p>Skills-based assessment must include direct observation as the main source of evidence and must be carried out over an appropriate period of time.</p> <p>Evidence must confirm that the learner can carry out cultivation tasks, prepare soil safely, use hand tools correctly, and follow safe working practices under supervision.</p> <p>Assessment must reflect realistic horticultural contexts.</p>

Learning outcomes

The learner will:

1. Understand the purpose of cultivation.

Delivery content:

The aim of this learning outcome is to provide the learners with the knowledge and skills to understand why soil preparation is important before planting. Learners should explore how cultivation improves soil condition and supports plant growth.

The learner must:

- 1.1 Identify simple **cultivation tasks**.
- 1.2 State why soil may need loosening or turning.

1.3 Recognise when soil preparation is needed.
2. Be able to prepare soil for planting.
<p>Delivery content:</p> <p>The aim of this learning outcome is to provide the learners with the knowledge and skills to carry out basic soil preparation under supervision.</p> <p>The learner must:</p> <ul style="list-style-type: none"> 2.1 Prepare soil as instructed. 2.2 Break up soil using hand tools safely. 2.3 Remove stones or debris from soil.
3. Be able to support plant growth through cultivation.
<p>Delivery content:</p> <p>The aim of this learning outcome is to provide learners with the knowledge and skills to carry out cultivation tasks that support healthy plant growth.</p> <p>The learner must:</p> <ul style="list-style-type: none"> 3.1 Level soil appropriately after preparation. 3.2 Check soil condition during tasks. 3.3 Leave prepared soil ready for planting
4. Be able to work safely during cultivation tasks.
<p>Delivery content:</p> <p>The aim of this learning outcome is to provide learners with the knowledge and skills to apply safe working practices while preparing soil.</p> <p>The learner must:</p> <ul style="list-style-type: none"> 4.1 Use tools correctly. 4.2 Maintain a tidy working area. 4.3 Follow safe working practices.

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,

<p>knowledge of which will benefit their learners, based on location, types of work available and from the tutors own professional experience.</p>	
<p>Requirements</p>	
<p>Cultivation tasks:</p>	<p>Definition: Basic activities carried out to prepare soil for planting.</p> <p>Teaching must include:</p> <ul style="list-style-type: none"> • How to undertake activities, such as: <ul style="list-style-type: none"> ○ Loosening soil. ○ Turning soil using hand tools. ○ Removing weeds, stones or debris. <p>Teaching could include:</p> <ul style="list-style-type: none"> • Examples of different activities, such as: <ul style="list-style-type: none"> ○ Breaking up compacted soil. ○ Raking soil level. ○ Preparing soil in beds or containers.
<p>Soil preparation:</p>	<p>Definition: Improving soil so it is suitable for planting.</p> <p>Teaching must include:</p> <ul style="list-style-type: none"> • How to prepare soil including: <ul style="list-style-type: none"> ○ Loosening soil structure. ○ Removing unwanted materials. ○ Creating an even surface for planting. <p>Teaching could include:</p> <ul style="list-style-type: none"> • Additional ways to prepare soil such as: <ul style="list-style-type: none"> ○ Adding compost under instruction. ○ Checking soil texture. ○ Comparing prepared and unprepared soil.
<p>Hand tools:</p>	<p>Definition: Basic manual tools used in horticultural tasks.</p> <p>Teaching must include:</p> <ul style="list-style-type: none"> • How to safely use hand tools including: <ul style="list-style-type: none"> ○ Trowel. ○ Hand fork.

	<ul style="list-style-type: none"> ○ Small rake. <p>Teaching could include:</p> <ul style="list-style-type: none"> • How to safely use hand tools such as: <ul style="list-style-type: none"> ○ Watering can. ○ Secateurs (under supervision). ○ Dibber. ○ Gloves.
Soil condition:	<p>Definition: The physical state of soil, including texture and moisture.</p> <p>Teaching must include:</p> <ul style="list-style-type: none"> • Recognising compacted soil. • Identifying dry or very wet soil. • Checking soil is suitable for planting <p>Teaching could include:</p> <ul style="list-style-type: none"> • Comparing soil types. • Simple soil moisture checks. • Discussion of how soil affects plant growth.
Working area:	<p>Definition: The immediate area where cultivation tasks are being carried out.</p> <p>Teaching must include:</p> <ul style="list-style-type: none"> • Keeping tools positioned safely. • Removing debris from pathways. • Leaving the area tidy after work. <p>Teaching could include:</p> <ul style="list-style-type: none"> • Identifying trip hazards. • Working in shared spaces. • Safe storage of tools after use.