



Level
1

Sample!

Horticulture

Student Worksheets





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Assessment Brief 1

Course:	Horticulture
Course Code:	MICOI
Assessment:	Collection of Work
Title:	Gardening Tools & Equipment
Weighting:	Collection of Work 100%.

Guidelines

You will be expected to:

1. Recognise gardening tools and equipment.
2. Name common gardening tools and equipment.
3. Choose which tool to use for common gardening activities.

Assessment criteria

- Exercises must be complete.
- Exercises must be correct.
- Choose tools for gardening activities. Types of gardening tools can include: lawnmower, gardening gloves, rake, spade, trowel, etc.



Submission date:

I confirm that this is my own work.

Signed:

Date:



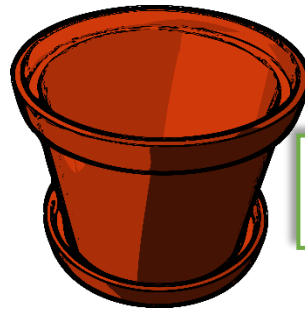
Garden tools 3

Copy the words.

rake



pot



boots



spade



fork



Choosing tools

Which tool will I use?

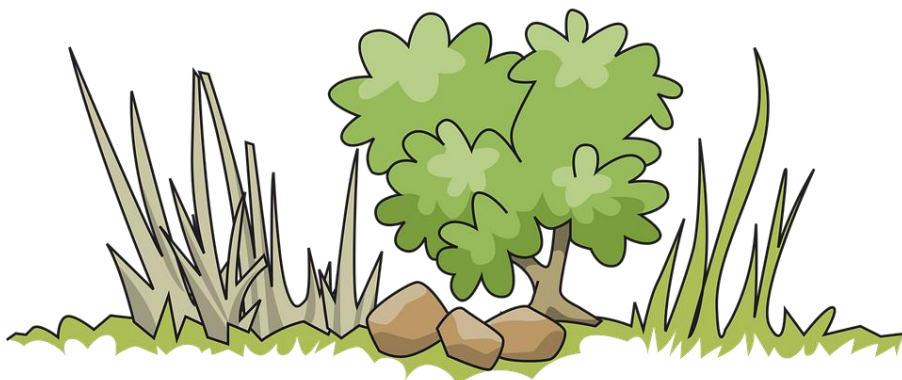
rake, pruners, watering can, lawnmower

1. I must cut the grass.

2. I must water the plants.

3. I must rake the leaves.

4. I must prune the roses.





Going for a walk

Go for a walk. Count how many trees, flowers, shrubs and weeds you see.

Colour in the blocks.

	1	2	3	4	5	6	7	8	9	10
Trees										
Shrubs										
Flowers										
Weeds										
Other										

How many did you see? Write the numbers.

Trees -----

Shrubs -----

Flowers -----

Weeds -----

Other -----





More flower names

What letters do they start with?



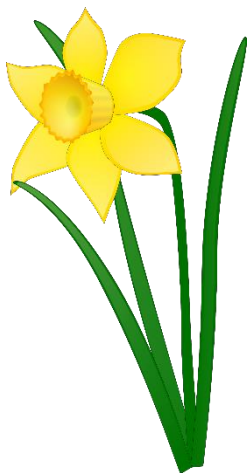
poppy



foxglove



daisy



daffodil



self-heal



yarrow



Parts of a flower

Label the flower.

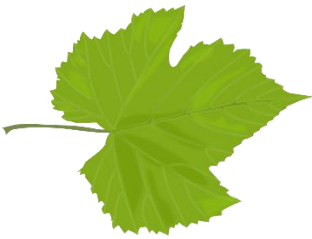
stem, flower, petal, leaf





Yes or no?

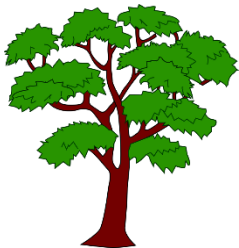
Write yes or no.



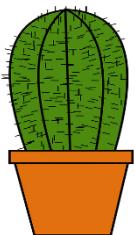
1. This is a leaf.



2. This is a flower.



3. This is a shrub.



4. This is a cactus.

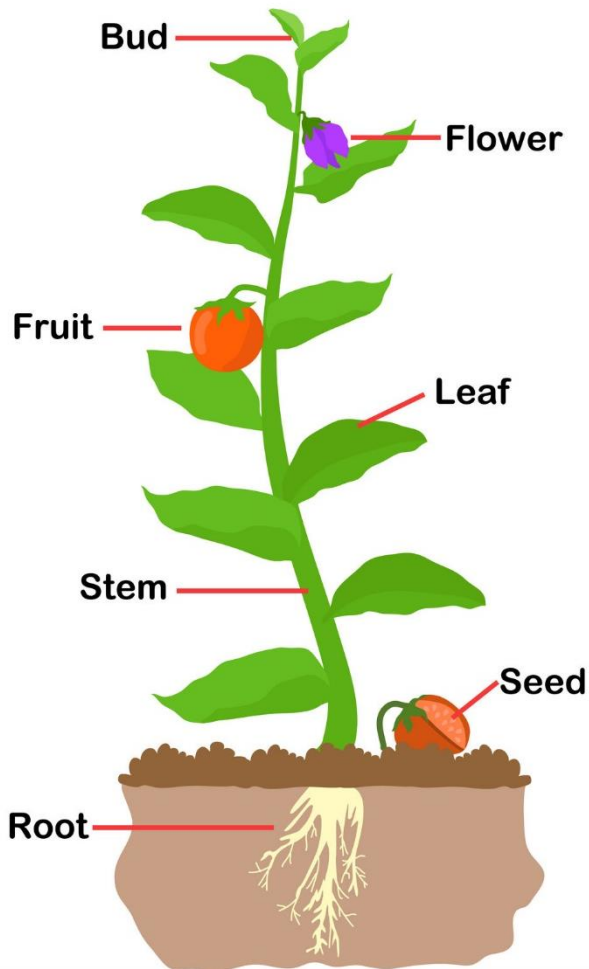


5. This is a fern.



Parts of a plant

Answer the questions.



What is under the soil?

- leaf
- root

What is at the top of the plant?

- bud
- fruit

What holds the leaves?

- flower
- stem

What colour is the fruit?

- red
- purple



Missing letters

Fill in the missing letters for these words.

flower, leaf, grass, cactus, fruit, seeds



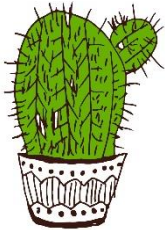
f l o w _ _ r



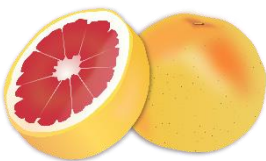
l _ _ a f



_ _ r a s s



c _ c t u s



f r u _ _ t



s e e _ _ s



Plant quiz

Underline the correct answers.

1. The part of a plant that holds the plant up.

A. wind B. stem C. leaf D. pollen

2. All living things need air, food and...

A. seeds B. food C. fruit D. water

3. A rosebush has thorns to keep these away.

A. leaves B. animals C. seeds D. flowers

4. All living things grow and ...

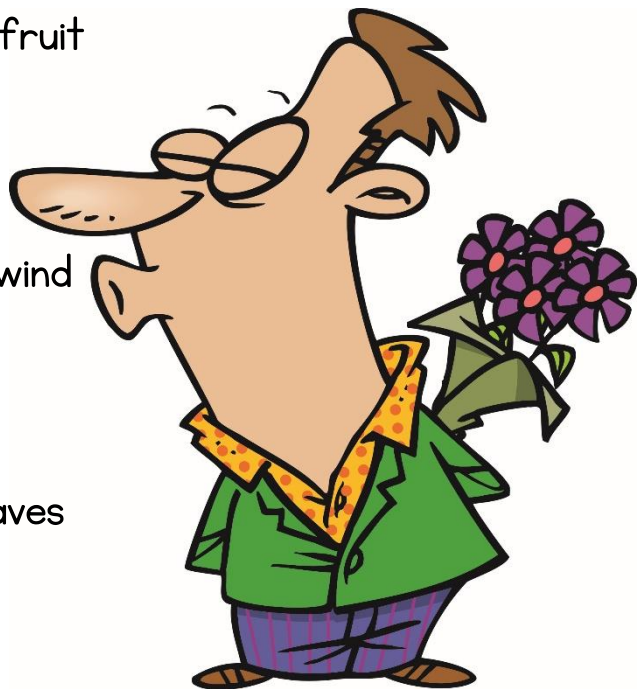
A. flower B. water C. change D. fruit

5. A very young plant is a ...

A. flower B. seedling C. stem D. wind

6. Plants can make their own.

A. animals B. food C. pollen D. leaves





Will the seeds grow?

What do seeds need to make them grow into healthy plants?

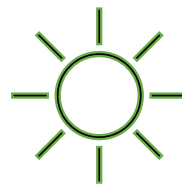
Which will grow?

Pot 1

With light and water

Yes

No

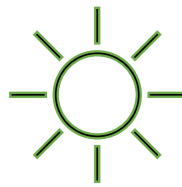


Pot 2

With light, no water

Yes

No

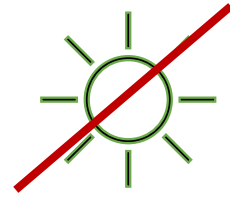


Pot 3

With water, no light

Yes

No

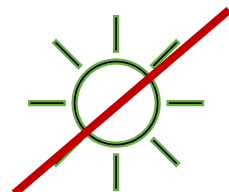
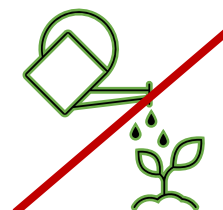


Pot 4

With no water, no light

Yes

No





From seeds to plants

- Most garden plants start as seeds.
- Seeds contain everything a plant needs to grow and reproduce.

If you buy a packet of seeds, carefully follow the instructions on the packet.

Carrots

Season: Cool season

Exposure: Full-sun

Germination: Seeds take 14-21 days to germinate.

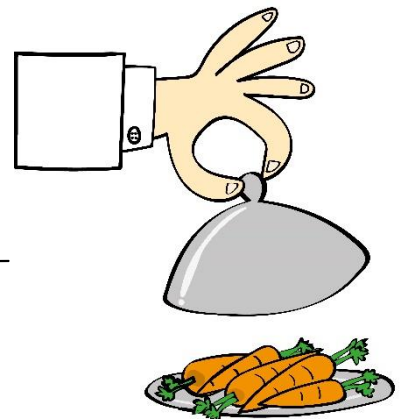


1. Water deeply before planting.
2. Sow the tiny seeds 5mm deep.
3. Sow seeds shallowly.
4. Water the area gently.
5. Keep top layer of soil moist.
6. Use wider spacing to get larger roots.
7. Carrots can be harvested at any size, but flavour is best when the carrot has turned bright orange.

Write **true** or **false**:

1. Sow the seeds deeply. _____
2. Keep the soil dry. _____
3. Water the area gently. _____
4. Harvest when the carrots are yellow.

5. Water deeply before planting. _____





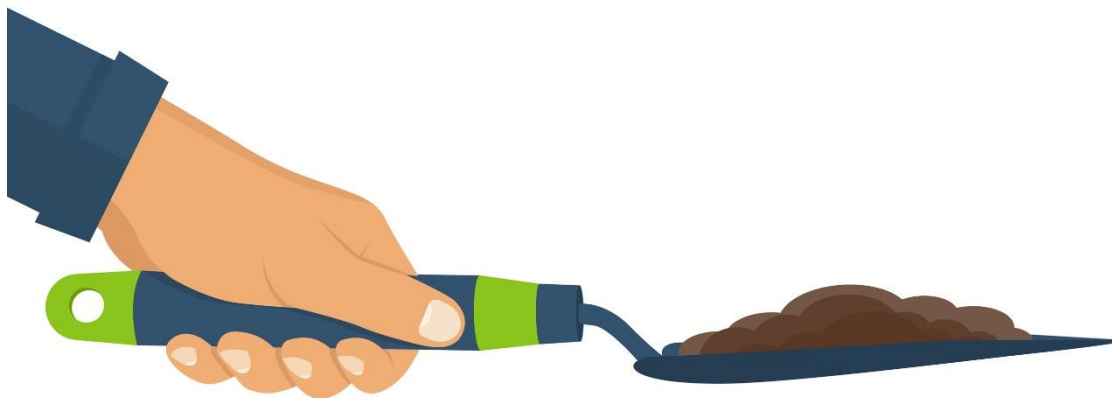
Preparing soil

To prepare the soil you can mix:

- Garden soil
- Compost
- Sand

What to do

- Make sure that the soil does not contain any stones, glass, litter, etc.
- Break up any large lumps with your hands and mix until all three ingredients are mixed.
- You can use the mix to fill the grow boxes.

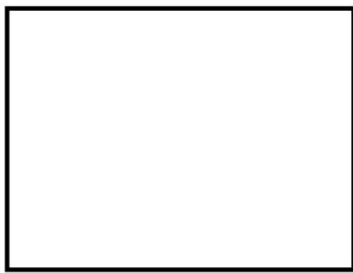


8. Describe the soil you are using:



Planting a tree

Cut out the pictures and glue them in the correct order to show how a tree grows from a seed.



1



2



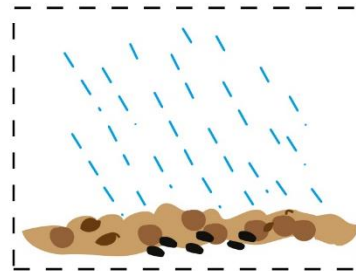
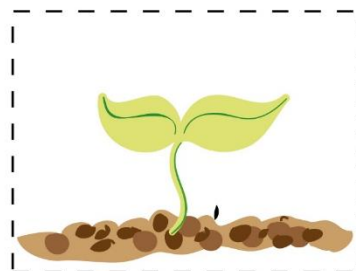
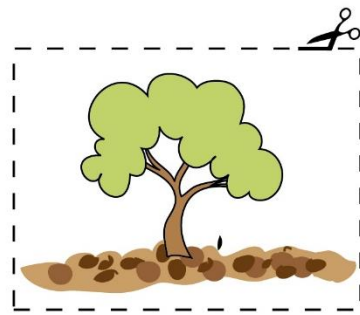
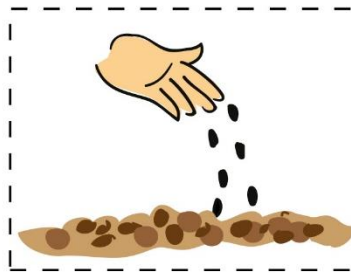
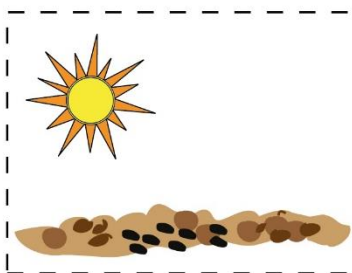
3



4



5





Tips for growing lavender

Lavender looks good all year round and it smells lovely. The flowers are rich in nectar so bees and butterflies will be happy!

Lavender needs:

- Full sun
- Little water
- Good air flow
- No mulching
- No sprinklers
- No fertiliser



Answer yes or no.

1. Does lavender need a lot of water? _____
2. Can you grow lavender in the shade? _____
3. Does lavender need a good air flow? _____
4. Does lavender need fertiliser? _____
5. Can you grow lavender in the full sun? _____

Grow your own herb.



Birds in your garden

When you make your garden, invite the birds!
Read these tips with your teacher.



1. Place your feeders where you can see them.
2. Buy good quality bird food.
3. Give fresh water.
4. Have trees, shrubs and hedges where birds can sit.
5. You can use nest boxes.

Which of these things will bring birds into your garden? Use a ✓ or a ✗.

- | | |
|---|---------------------------------------|
| <input type="checkbox"/> fresh water | <input type="checkbox"/> garden tools |
| <input type="checkbox"/> milk | <input type="checkbox"/> bird feeders |
| <input type="checkbox"/> good bird food | <input type="checkbox"/> nest boxes |
| <input type="checkbox"/> noisy machines | <input type="checkbox"/> shrubs |
| <input type="checkbox"/> bird seed | <input type="checkbox"/> chemicals |
| <input type="checkbox"/> trees | |



Do and don't

Listen to the teacher read the sentences. Follow along.
Choose Do or Don't.

1. Pick up bugs, spiders and other creatures.

Do	Don't
-----------	--------------

2. Store garden tools correctly.

Do	Don't
-----------	--------------

3. Respect the plants, animals in the garden.

Do	Don't
-----------	--------------

4. Use a sunscreen cream to avoid sunburn.

Do	Don't
-----------	--------------

5. Throw away instructions for new tools.

Do	Don't
-----------	--------------

6. Leave chemicals in the garden.

Do	Don't
-----------	--------------

7. Leave the hosepipe across the lawn.

Do	Don't
-----------	--------------

8. Leave a BBQ burning and go to bed.

Do	Don't
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Mapping of Learning Outcomes

(LSH1) Identify common gardening tools and equipment, e.g. lawnmower, gardening gloves, rake, spade, trowel
Pages 8 to 23 (gardening tools), Page 54 (plant picture), Page 64 (getting gardening tools ready)

(LSH2) Recognise a number of common plant types, e.g. trees, shrubs, conifers, bedding plants
Pages 26 to 30 (plant types), Pages 36 to 38 (flower types), Pages 40 to 45 (plant types), Page 50 (types of plants)

(LSH3) Identify different parts of a plant, e.g. root, stem, leaves, fruit/flower
Page 31 (leaves), Pages 32 to 35 (parts of a tree), Page 39 (parts of a flower), Pages 46 and 47 (parts of a plant), Page 48 (parts of a fruit), Page 49 (roots), Pages 51 to 53 (parts of a plant)

(LSH4) Grow a plant from seed or bulb
Page 57 (talking about planting), Pages 62 and 63 (what is needed for seeds to grow into plants), Page 64 (getting gardening tools ready), Page 65 (getting your garden ready), Page 66 (preparing soil), Page 67 (ordering plant growth), Page 68 (planting seeds or bulbs), Page 76 (steps for planting from a seed), Gardening Journal (optional)



(LSH5) Plant up, e.g. a garden/bedding plant, a hanging basket or Container Page 64 (getting gardening tools ready), Page 65 (getting your garden ready), Page 66 (preparing soil), Page 69 (using transplants), Page 70 (growing plants in a bottle), Pages 71 to 73 (growing vegetables and plants), Page 74 (steps for planting a tree), Page 75 (tips for growing lavender), Page 88 (gardening log), Gardening Journal (optional)

(LSH6) Practice essential care skills under close supervision for, e.g. a lawn or flower bed or plant Page 58 (what plants need), Pages 60 and 61 (photosynthesis), Page 61 (soil), Pages 62 and 63 (what is needed for seeds to grow into plants), Pages 77 to 84 (caring for your plants), Pages 85 and 86 (birds, insects), Page 87 (gardening advice), Page 88 (gardening log), Gardening Journal (optional)

(LSH7) Take adequate safety precautions as directed Pages 91 to 101 (garden safety), throughout the course, Gardening Journal (optional)