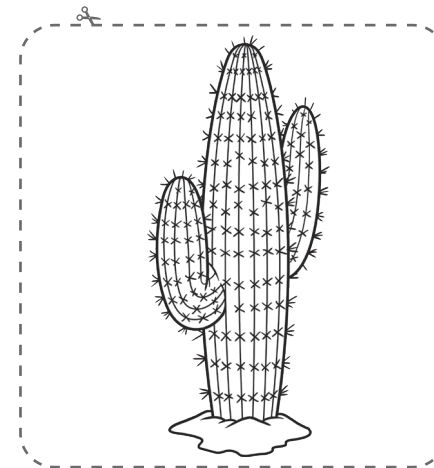
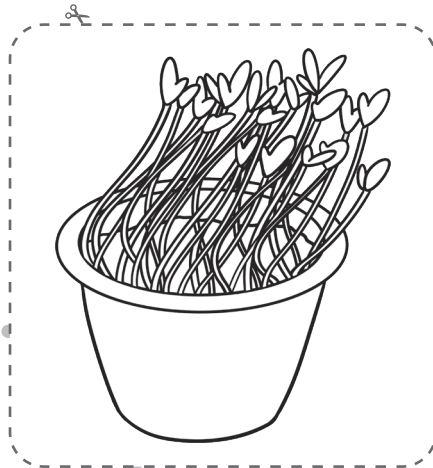
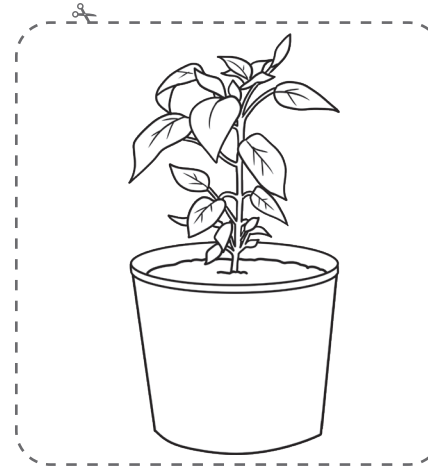
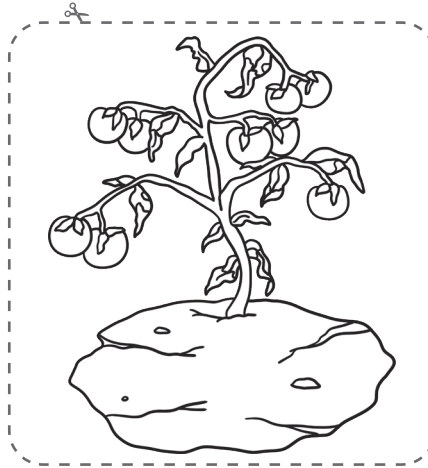


Healthy or Not?

To describe what happens if plants don't get all the things they need.

Sort these plants into the 'Healthy' and 'Not Healthy' groups on the next page.



Healthy or Not?

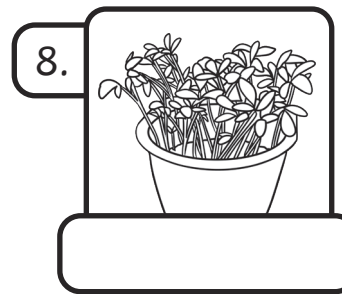
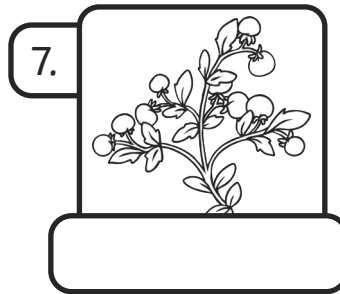
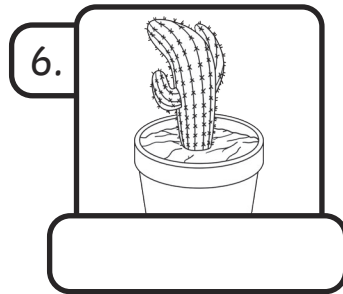
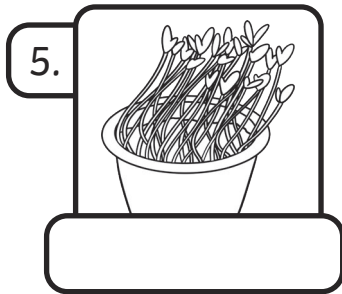
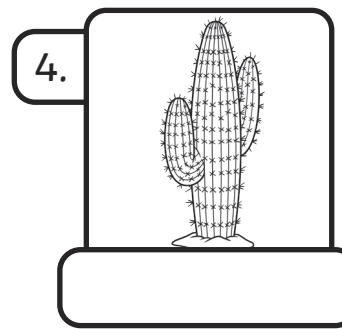
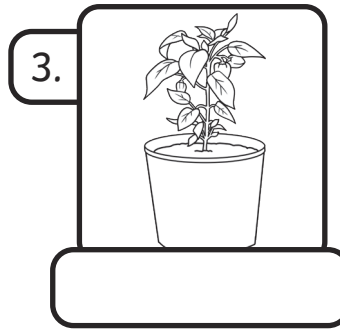
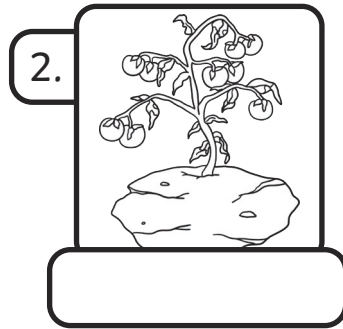
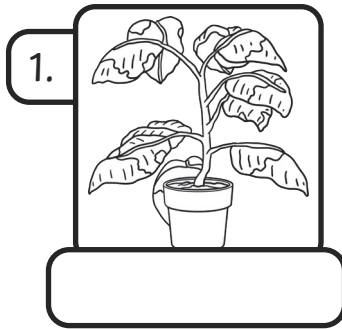
Healthy

Not Healthy

Healthy or Not?

To describe what happens if plants don't get all the things they need.

Label these plants with either 'healthy' or 'unhealthy'.



Choose **one** plant that you think is unhealthy. Explain why you think this and what you think it needs to be healthy again.

Word Bank

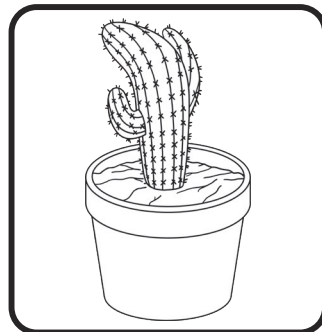
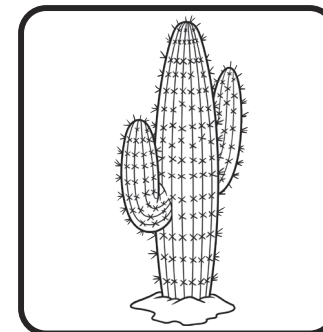
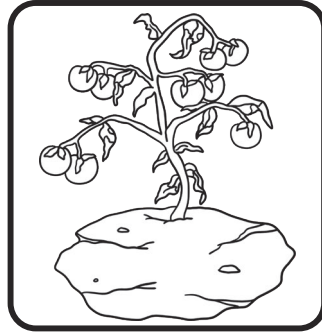
healthy
unhealthy
leaves
wilted
drooped
colour
tall
strong
weak
water
light
temperature

Healthy or Not?

To describe what happens if plants don't get all the things they need.



Label these plants with either 'healthy' or 'unhealthy'.



Healthy or Not?

Choose **three** plants from the pictures that you think are unhealthy. For each plant, explain why you think this and what you think it needs to be healthy again.

- _____

- _____

- _____

Word Bank

healthy
unhealthy
leaves
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drooped
colour
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strong
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light
temperature

Challenge!

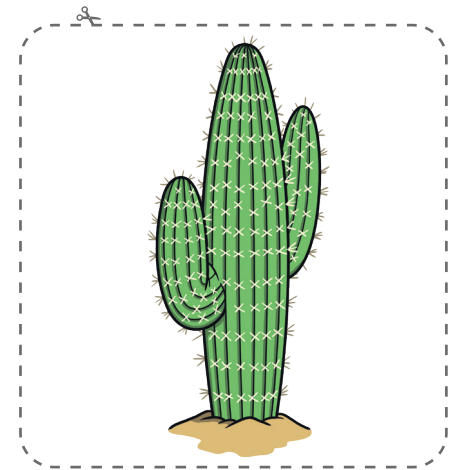
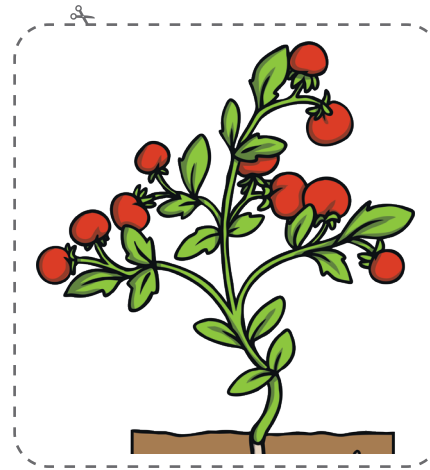
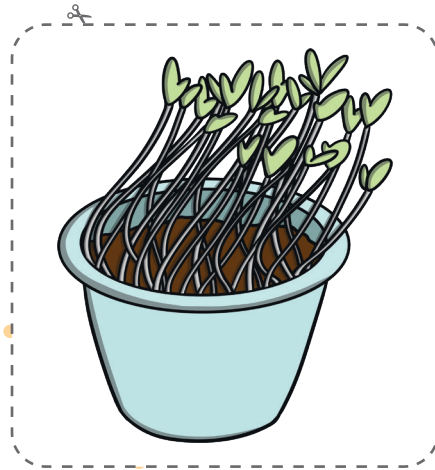
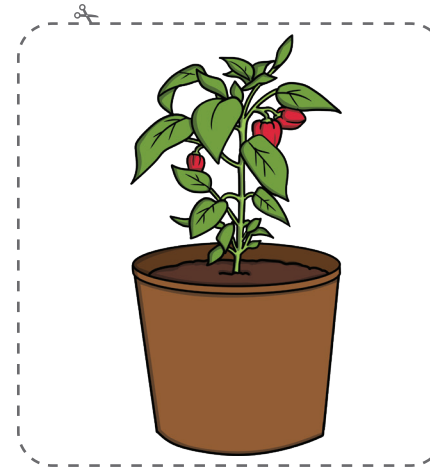
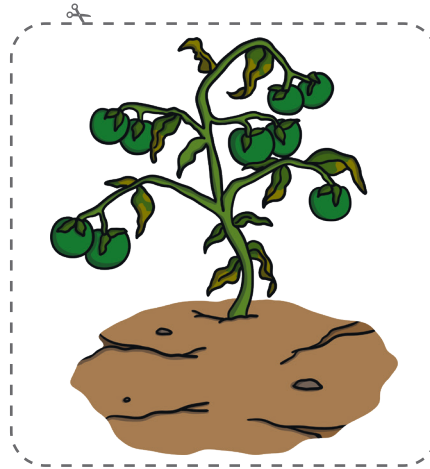
Do all plants need the same amount of the same things to grow? Explain how you know.



Healthy or Not?

To describe what happens if plants don't get all the things they need.

Sort these plants into the 'Healthy' and 'Not Healthy' groups on the next page.



Healthy or Not?

Healthy

Not Healthy

Healthy or Not?

To describe what happens if plants don't get all the things they need.

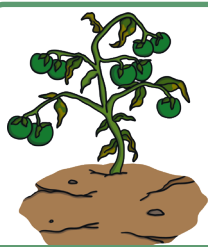


Label these plants with either 'healthy' or 'unhealthy'.

1.



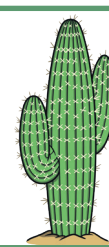
2.



3.



4.



5.



6.



7.



8.



Word Bank

healthy
unhealthy
leaves
wilted
drooped
colour
tall
strong
weak
water
light
temperature

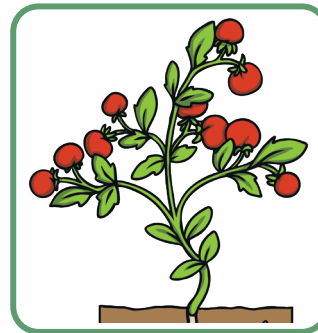
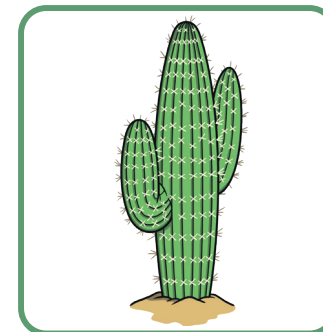
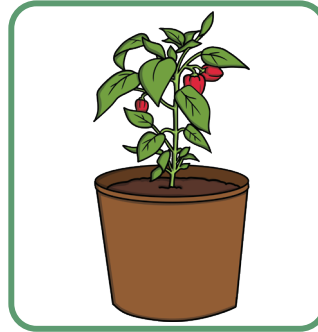
Choose **one** plant that you think is unhealthy. Explain why you think this and what you think it needs to be healthy again.

Healthy or Not?

To describe what happens if plants don't get all the things they need.



Label these plants with either 'healthy' or 'unhealthy'.



Healthy or Not?

Choose **three** plants from the pictures that you think are unhealthy. For each plant, explain why you think this and what you think it needs to be healthy again.

- _____

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Word Bank

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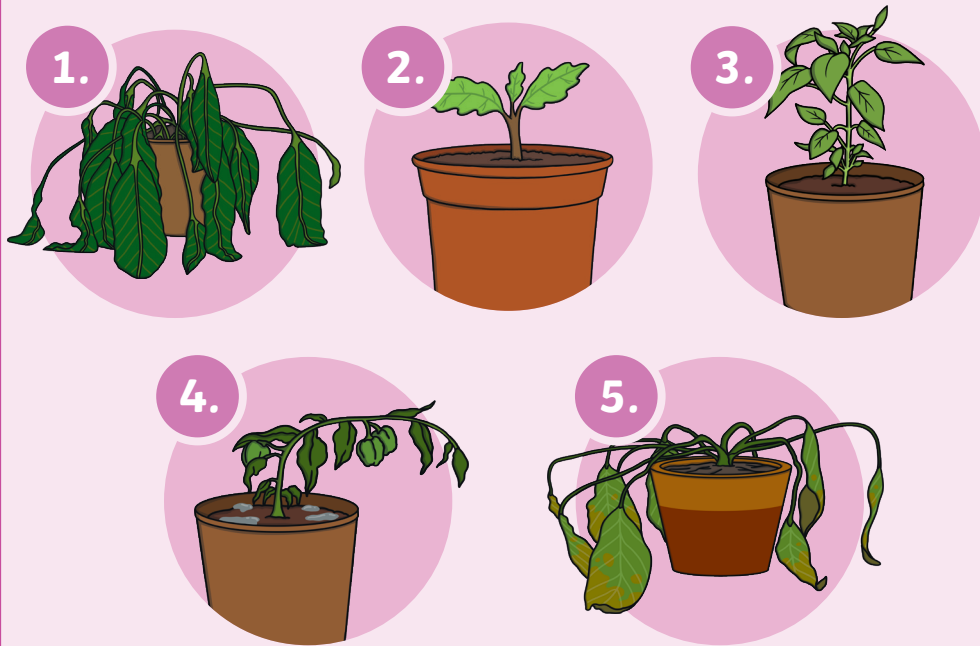
Challenge!

Do all plants need the same amount of the same things to grow? Explain how you know.



Plants Reasoning Cards

5



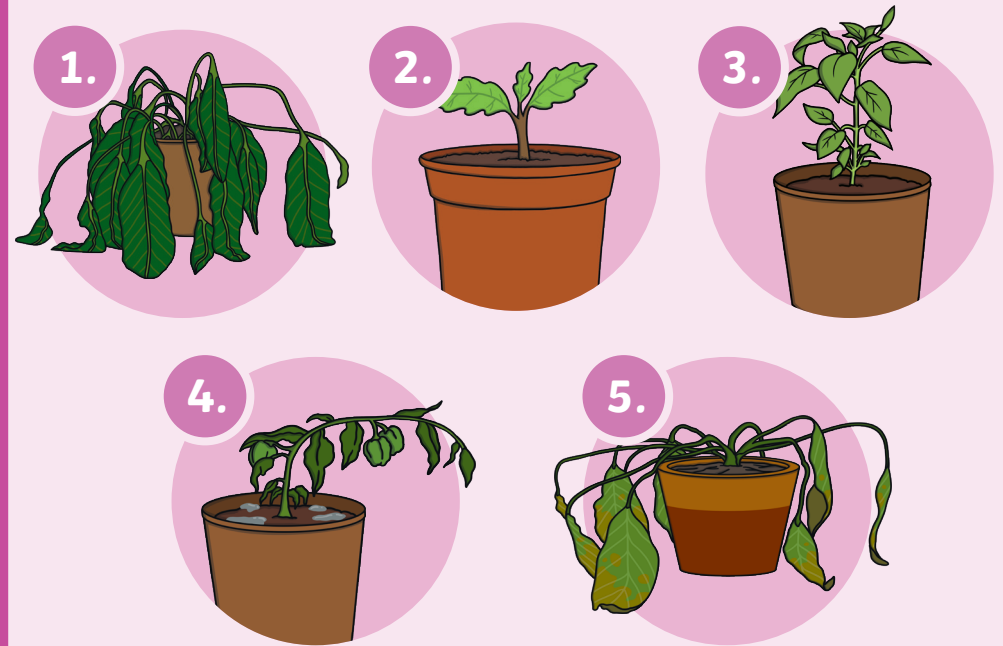
Are these plants healthy or unhealthy? How do you know?

Which plants do you think haven't had enough water? How do you know?

How would you help each unhealthy plant to grow well again?

Plants Reasoning Cards

5



Are these plants healthy or unhealthy? How do you know?

Which plants do you think haven't had enough water? How do you know?

How would you help each unhealthy plant to grow well again?

Reasoning Card 5

Are these plants healthy or unhealthy? How do you know?

Healthy plants: 2 and 3. Unhealthy plants: 1, 4 and 5.

Which plants do you think haven't had enough water? How do you know?

Plants 1 and 5 haven't had enough water. I know this because they have drooping leaves.

How would you help each unhealthy plant to grow well again?

Children might explain that they would give 1 and 5 plenty of water, and give less water to plant 4 because it has been given too much. They might also mention making sure that all the plants still have enough light.

WHAT HAPPENS IF PLANTS DON'T GET THE THINGS THEY NEED?

Water

Without water, seeds won't start to grow at all.

If a grown plant doesn't get enough water, its stem and leaves will droop. Often, its green leaves will turn yellow or brown and look dry, and eventually the plant will die.



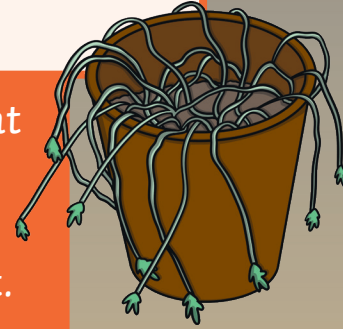
However, plants can be given too much water! Different plants need different amounts of water and if they get too much then they can also become **wilted** and unhealthy, or even die.



Light

Without sunlight, plants cannot make their own food and so do not get the full **nutrition** they need. Most seeds can begin to grow without light because they have a small store of food inside.

If young plants don't have light while they are growing, most will grow very tall and weak as they try to look for sunlight. Without it, they will die.



Did You Know?



Some seeds, such as poppy seeds, do need light to germinate. Their seeds are not planted in the ground, but are scattered on top of it instead so that the light can reach them.

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