

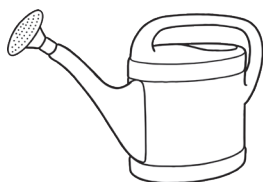
Name:

Date:



## Science Assessment Year 2: Plants

1. Match the pictures to the sentences by drawing lines between them.



Fill the plant pot with soil.



Plant the seeds into the soil.



Using a watering can, water the seeds.



The seeds begin to sprout and grow.



The plant grows and begins to flower.



Fruit then grows on the plant.

2. The pictures below are of the life cycle of a bean. Put the numbers 1-6 in the boxes to order the cycle.



6 marks



6 marks



Total for this page

3. Lucy had 4 of the same plant.

A: Put on the window sill in May and watered.



B: Put outside in January and watered.



C: Put in a dark cupboard and not watered.



D: Put on the window sill in May and not watered.



- Which plant would you expect to grow the most? Why?

---

---

- Which plant would you expect to grow the least? Why?

---

---

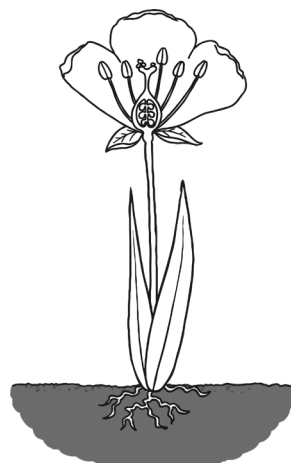
4. Draw a line to match the parts of a plant with their job.

Transports water to different parts of the plant.

Absorbs water and anchors the plant.

Makes food for the plant using sunlight.

Produces seeds.



2 marks

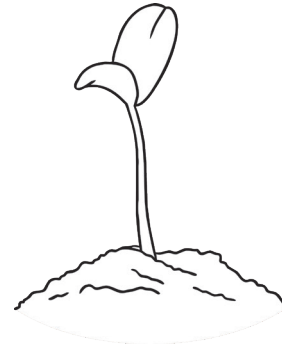
2 marks

4 marks

Total for this page

5. This plant hasn't grown. Give two reasons why this might have happened.

- \_\_\_\_\_
- \_\_\_\_\_



2 marks

6. Why do plants produce seeds?

\_\_\_\_\_

1 mark

7. Jack put some soil in a small pot. He planted the seeds and put the pot somewhere warm. The seeds did not grow. Why not?

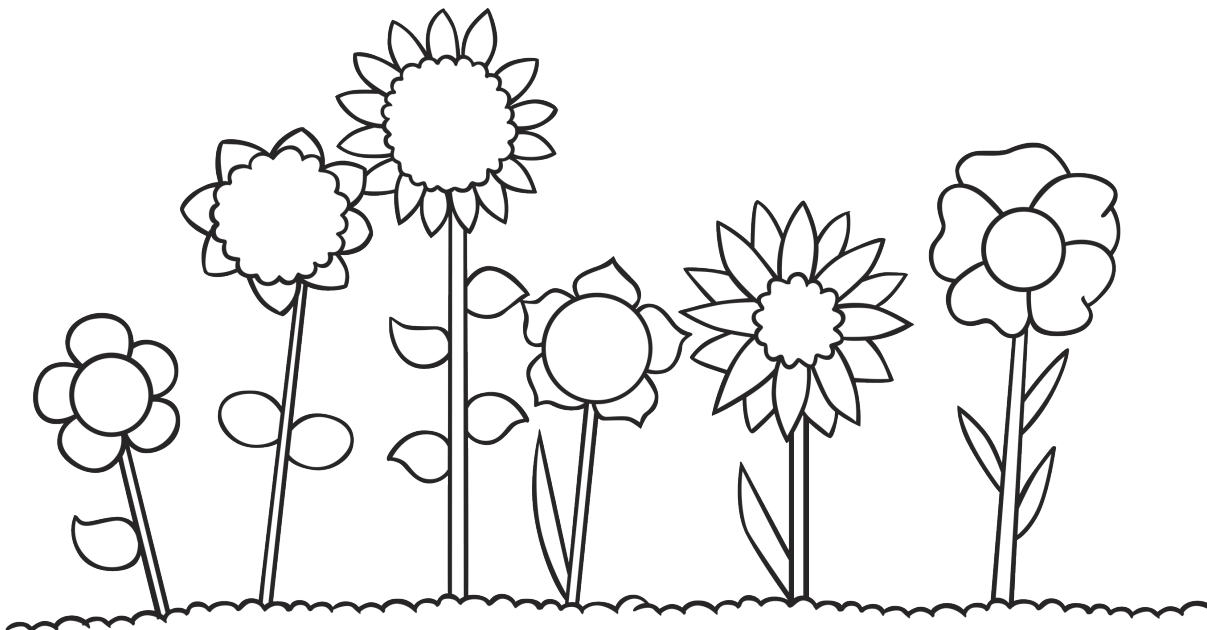
\_\_\_\_\_

1 mark







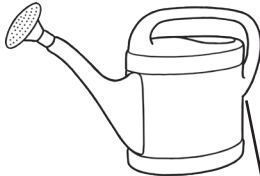






8. Why do seeds have a hard outer layer?

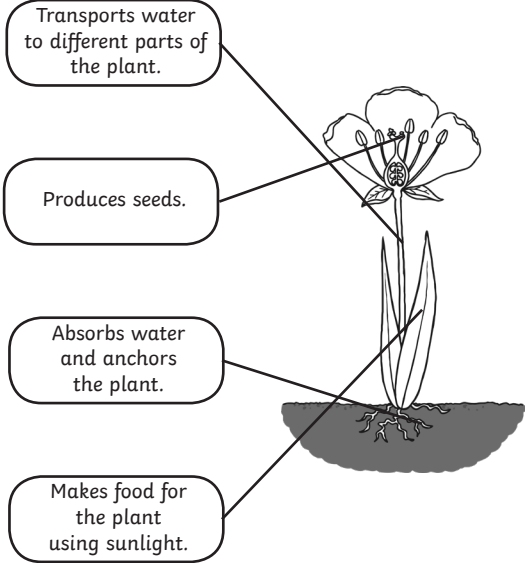
\_\_\_\_\_

1 mark



Total for this page

question	answer	marks	notes
1. Match the pictures to the sentences by drawing lines between them.			
<div></div>	<div><div>Fill the plant pot with soil.</div><div>Plant the seeds into the soil.</div><div>Using watering can, water the seeds.</div><div>The seeds begin to sprout and grow.</div><div>The plant grows and begins to flower.</div><div>Fruit then grows on the plant.</div></div>	6	1 mark for each correct match.
2. The pictures below are of the life cycle of a bean. Put the numbers 1-6 in the boxes to order the cycle.			
<div></div>		6	1 mark for each correctly ordered picture.

question	answer	marks	notes
<b>3. Lucy had 4 of the same plant.</b> <ul style="list-style-type: none"> <li>Which plant would you expect to grow the most? Why?</li> <li>Which plant would you expect to grow the least? Why?</li> </ul>			
	<p>A would be expected to grow the most. This is because it has the most amount of light and water.</p> <p>C would be expected to grow the least. This is because it has the least amount of light and water.</p> <p>Accept any suitable explanation.</p>	4	1 mark for each correct choice and 1 mark for each correct explanation.
<b>4. Draw a line to match the parts of a plant with their job.</b>			
		4	1 mark for each correct answer.
<b>5. This plant hasn't grown. Give two reasons why this might have happened.</b>			
	<p><b>Any two answers from the following:</b></p> <ul style="list-style-type: none"> <li>Not enough water</li> <li>Too much water</li> <li>Too hot</li> <li>Too cold</li> <li>Not enough light</li> <li>Bad weather</li> </ul> <p><b>Please accept other suitable answers.</b></p>	2	1 mark for each correct answer.

question	answer	marks	notes
<b>6. Why do plants produce seeds?</b>			
	To make more plants.	1	1 mark for the correct answer.
<b>7. Jack put some soil in a small pot. He planted the seeds and put the pot somewhere warm. The seeds did not grow. Why not?</b>			
	He did not water it.	1	1 mark for the correct answer.
<b>8. Why do seeds have a hard outer layer?</b>			
	To protect it. Accept any suitable answer.	1	1 mark for the correct answer.