

What Happened to Our Plants?

To explain what plants need to grow and stay healthy.



Observe your plants. Draw a picture of each plant and answer the questions about it.

Plant 1 had **soil, water, light and warmth.**

This is what the plant looks like:

Has this plant grown? yes no

Is this plant healthy? yes no

Plant 2 **did not** have

_____.

This is what the plant looks like:

Has this plant grown? yes no

Is this plant healthy? yes no

Plant 3 **did not** have

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Has this plant grown? yes no

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Plant 4 **did not** have

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Plant 5 **did not** have

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This is what the plant looks like:

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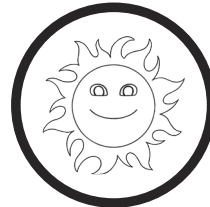
Word Bank



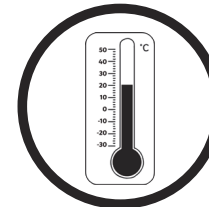
soil



water



light



the right temperature

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Is this plant healthy?
Explain how you know.

Did you think this would happen? Why?

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Did you think this would happen? Why?

Challenge!

Can you explain **why** you think the healthy plants grew well and why the unhealthy plants didn't?

Plant 5 **did not** have _____.

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Word Bank

soil water light the right temperature stem leaves strong weak
tall healthy not healthy short green yellow

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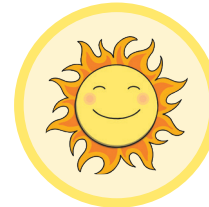
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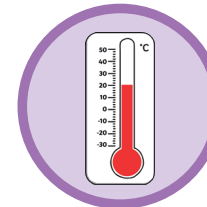
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1.



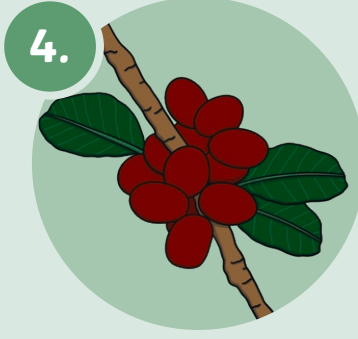
2.



3.



4.



What type of **habitat** do you think each of these plants might grow in? Why?

Explain how plants that grow in hot, dry places are similar.

Explain plants that grow in wet, warm places are similar.

1.



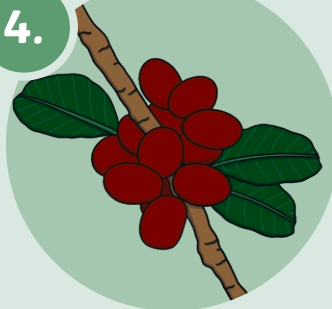
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Reasoning Card ⑥

What type of **habitat** do you think each of these plants might grow in? Why?

Desert: 2 and 3. Rainforest: 1 and 4.

Explain how plants that grow in hot, dry places are similar.

Plants that grow in hot, dry places have fleshy, waxy stems or leaves to help them to save water. Some have spikes to stop animals from eating their leaves.

Explain plants that grow in wet, warm places are similar.

Plants that grow in warm, very wet places have bigger leaves. These are also waxy to help the rain to run off. Some leaves are pointed to help the water to drip off.

WHAT DO PLANTS NEED TO GROW WELL?

Plants, like all living things, need the following things to help them to grow well.



Water

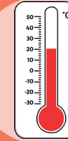
Plants need water to survive and cannot grow well without it.



Light



Without sunlight, plants cannot make their own food to help them to grow well.



The Right Temperature

Different plants grow better in different temperatures, but they all need their own correct temperature to grow well.

If it is too hot or too cold for them, they won't be able to grow well.



Space



Plants need space to grow. If there are too many plants in one place, it will be too crowded and they will not get enough of the things that they need. Too many other plants will be using those things too!

