

# Plant Needs

## Healthy and Unhealthy Plants

1. Colour what plants need.

<b>water</b> 	<b>air</b> 	<b>music</b> 	<b>soil</b> 	<b>light</b> 	<b>love</b> 
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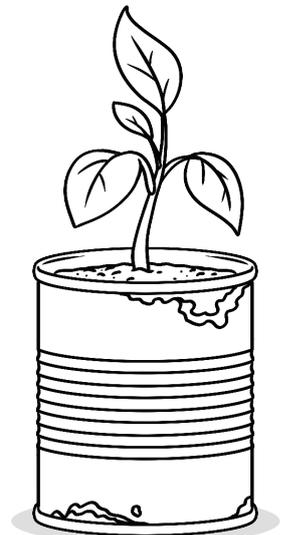
2. Walk around a school, park or backyard to find some healthy and unhealthy plants.

Draw the healthy plants.

Healthy Plants		

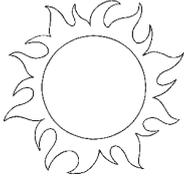
The healthy plants are getting w  , a  ,

l  and s  . Plants need these things to grow and survive.

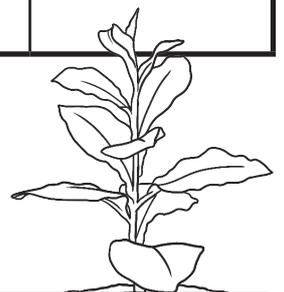


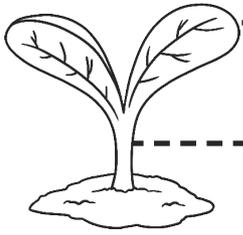
## Plant Needs: Healthy and Unhealthy Plants

3. Draw the unhealthy and healthy plants. Tick which need(s) you think the unhealthy plants are missing.

<b>Unhealthy Plant</b>	I think the unhealthy plant is missing...			
	water 	air 	soil 	light 

If a plant does not get what it needs it will die.

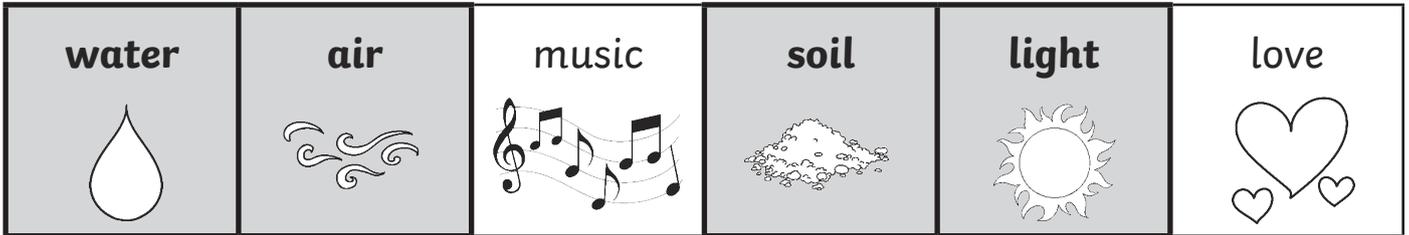




# Plant Needs

## Answers

1. Colour what plants need.



2. Walk around a school, park or backyard to find some healthy and unhealthy plants.

**Unhealthy plants chosen may be wilted, have brown dry leaves, have pests, be very small compared to the same plants in the area.**

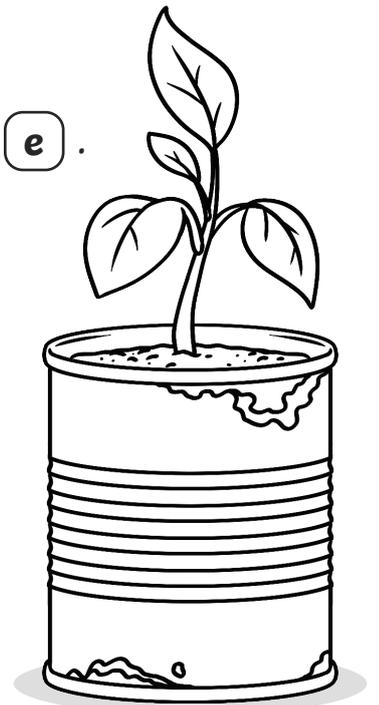
The healthy plants are getting w **a** **t** **e** **r** , a **i** **r** ,

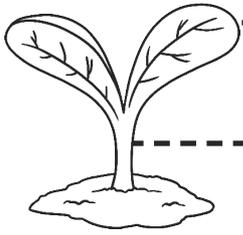
l **i** **g** **h** **t** and s **o** **i** **l** . Plants need these things to grow and survive.

3. Draw the unhealthy and healthy plants. Tick which need(s) you think the unhealthy plants are missing.

**Answers will vary. Teacher to check.**

If a plant does not get what it needs it will d **i** **e** .





# Plant Needs

## Healthy and Unhealthy Plants

Walk around your schoolyard, local park or backyard to find some healthy and unhealthy plants.

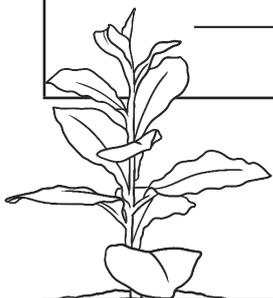


1. Draw the healthy plants.

Write about why you think they are healthy.

### Healthy Plants

Healthy Plants		
I think this plant is healthy because...	I think this plant is healthy because...	I think this plant is healthy because...
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## Plant Needs: Healthy and Unhealthy Plants

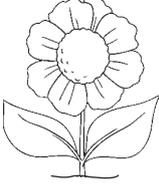
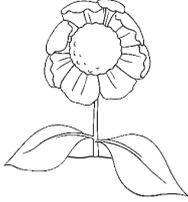
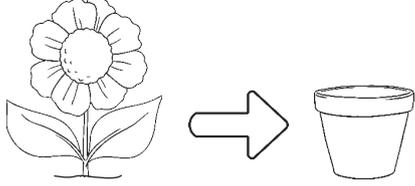
2. Draw the unhealthy plants.

Tick which basic need(s) you think the unhealthy plant(s) might be missing or getting too much of.

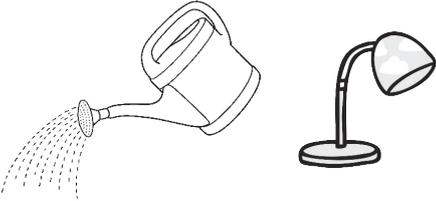
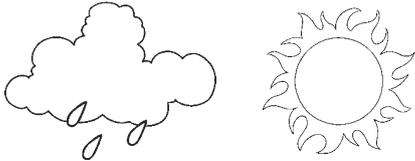
<b>Unhealthy Plant</b>	<b>The unhealthy plant(s) might be missing...</b>				<b>Why do you think it is missing basic need(s)?</b>  e.g. I think the plant needs water because the soil was dry and it had dry brown leaves.
	water  	air  	soil/ nutrients  	light  	
					I think it needs _____  because _____ _____
					I think it needs _____  because _____ _____
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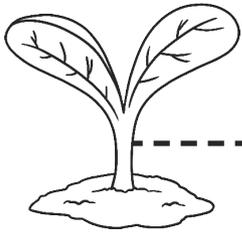
## Plant Needs: Healthy and Unhealthy Plants

3. Colour what will happen to plants that do not get all of these things.

<p>They will keep growing.</p> 	<p>They will die.</p> 	<p>They will move to another place.</p> 
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4. How do plants get water and light in nature? Colour your answer.

<p>Water from watering cans. Light from lamps.</p> 	<p>Water from hoses. Light from candles.</p> 	<p>Water from the rain or humidity in the air. Light from the sun.</p> 
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# Plant Needs

## Answers

1. Draw the healthy plants.

Write about why you think they are healthy.

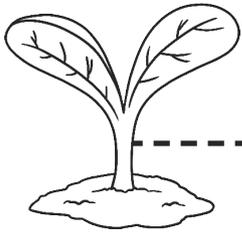
**Answers will vary. Teacher to check.**

**The plant has water, air, soil/nutrients and light.**

2. Draw the unhealthy plants.

Tick which basic need(s) you think the unhealthy plant(s) might be missing or getting too much of.

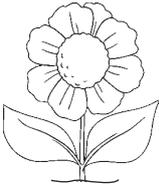
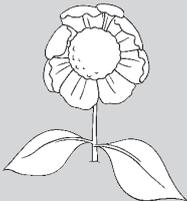
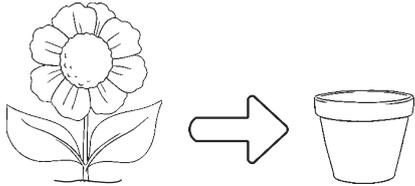
- **Needs water- the soil is dry and the leaves are dry, wilting, drooping**
- **Too much water- root rot, wet, wilting brown/ yellow leaves, blister on the undersides of leaves.**
- **Needs light- the plant is small, it has turned yellow/brown, leaning towards light or growing out of the shadows, Sparse or Leggy Growth.**
- **Too much light- burn leaves**
- **Needs soil/nutrients-roots showing, small plant, leaves changed colour**
- **Too much nutrients- wilt, look like it has been burned- leaves brown and collapse from the edges inward (fertiliser burn).**
- **Needs air- compacted soil, such as clay, can mean roots may not get enough air. Plant growth can slow and even stop.**



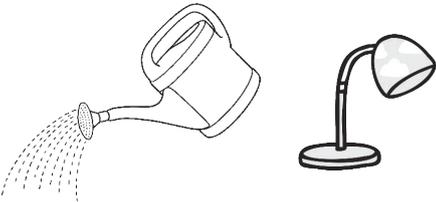
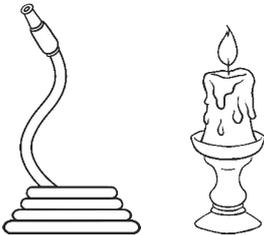
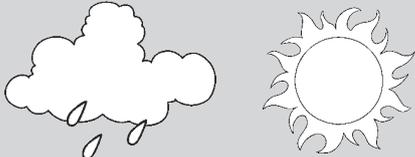
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<p>They will keep growing.</p> 	<p><b>They will die.</b></p> 	<p>They will move to another place.</p> 
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4. How do plants get water and light in nature? Colour your answer.

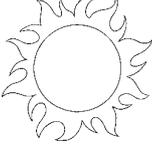
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Tick which basic need(s) you think the unhealthy plant(s) might be missing or getting too much of.

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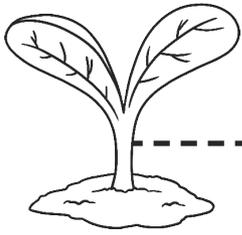
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5. Draw two places on Earth where it would be difficult for a plant to survive.

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## Answers

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Write about why you think they are healthy.

**Answers will vary. Teacher to check.**

**The plant has water, air, soil/nutrients and light.**

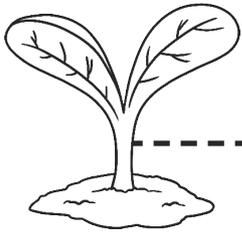
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3. What will happen to plants that do not get all of these things?

**They will die.**



# Plant Needs

## Answers

4. How do plants get water and light in nature?

- **Water from the rain or humidity in the air.**
- **Light from the sun.**

5. Draw two places on Earth where it would be difficult for a plant to survive.

**Deserts**

**Polar regions**