

BOOK

D

SCIENCE BASICS

Essential



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What are things made up of?

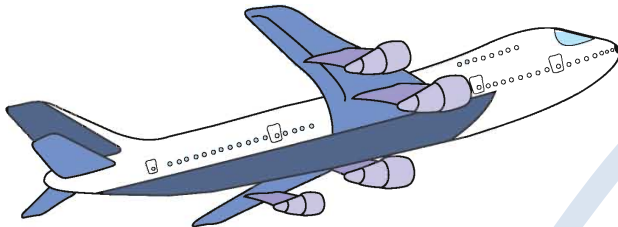


Air around us

Air is all around us.
But we cannot see it.
It has no colour.
We can not taste or smell it.
We can only feel air when it moves.
Moving air is called wind.
Wind can move things.
We can also use a fan to move air .



These things work because of air.



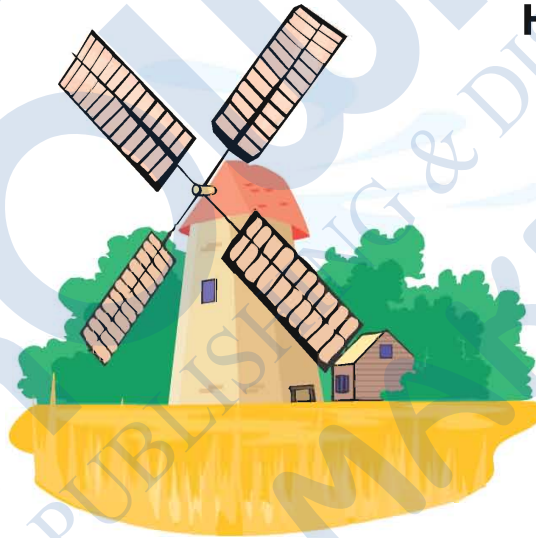
Aeroplane



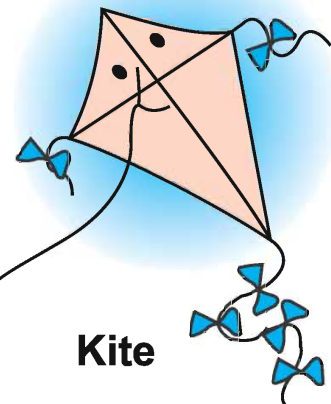
Helicopter



Boat



Windmill



Kite

Remember

1. Air is all around us.
2. We can feel air when it blows.
3. Air has weight.
4. Air is needed for breathing.
5. We can not live without air.
6. Air is needed for burning.



INVESTIGATE

Air is a bounty of Allah. Some things make the air dirty. Can you find a thing that makes the air dirty?

1. Name these.

- a) It fills all space around you. _____
- b) Moving air. _____
- c) It goes round and round when the wind blows. _____
- d) It moves on water because of the wind. _____

2. Put a for true and a for false.

- a) Aeroplanes can fly even if there is no air.
- b) All plants and animals will die if there is no air.
- c) Air is present all around us.
- d) We can see air.
- e) Air does not have weight.

Lesson 3

3. There is no air on the moon. If we go to the moon , we must carry our own air to breathe!

- a) Can we light a fire on the moon? _____
- b) Can plants and animals live on the moon? _____
- c) Can we go to the moon on an aeroplane? _____



We need water to live

We can not live more than a few days without water.

Plants and animals also need water.

All living things need water to live.

INVESTIGATE

How much water do you drink everyday?
Do you thank Allah for it?



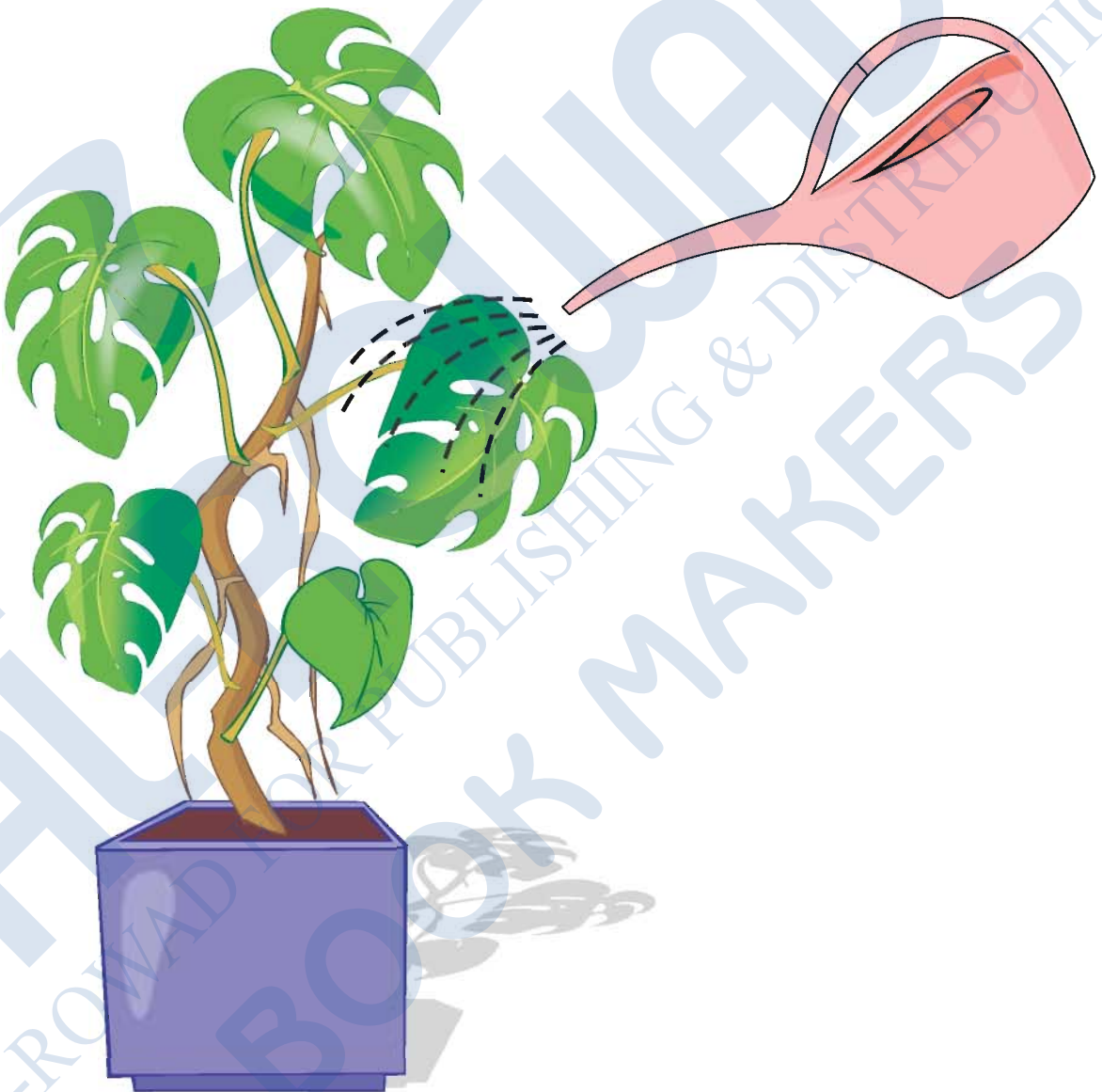
Lesson 1

Plants need water

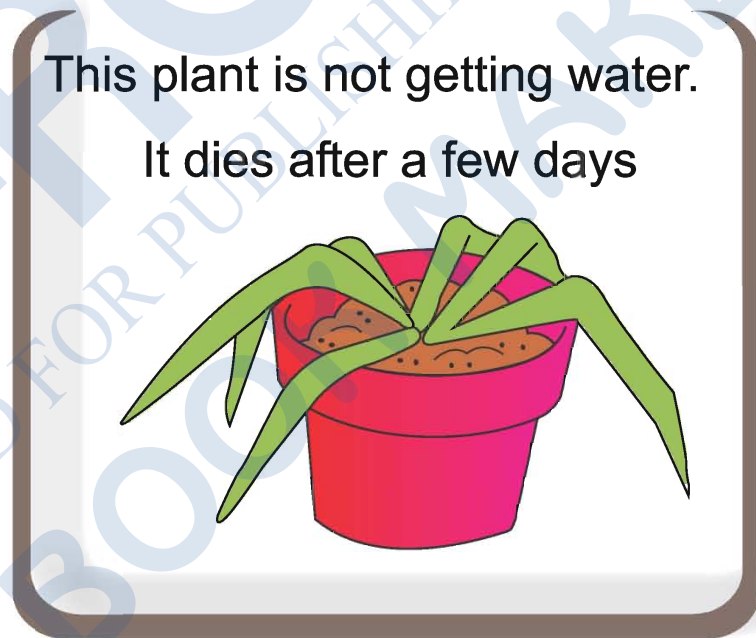
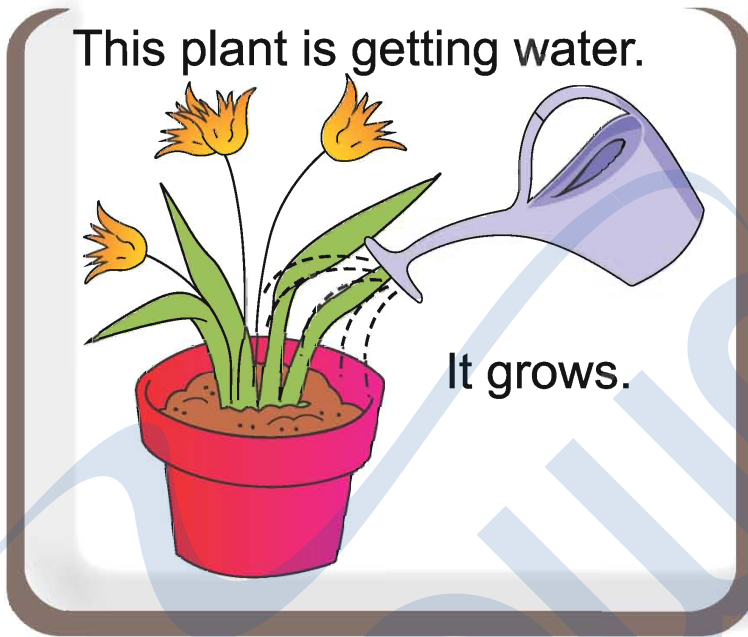
Take two potted plants.

Water one of them everyday.

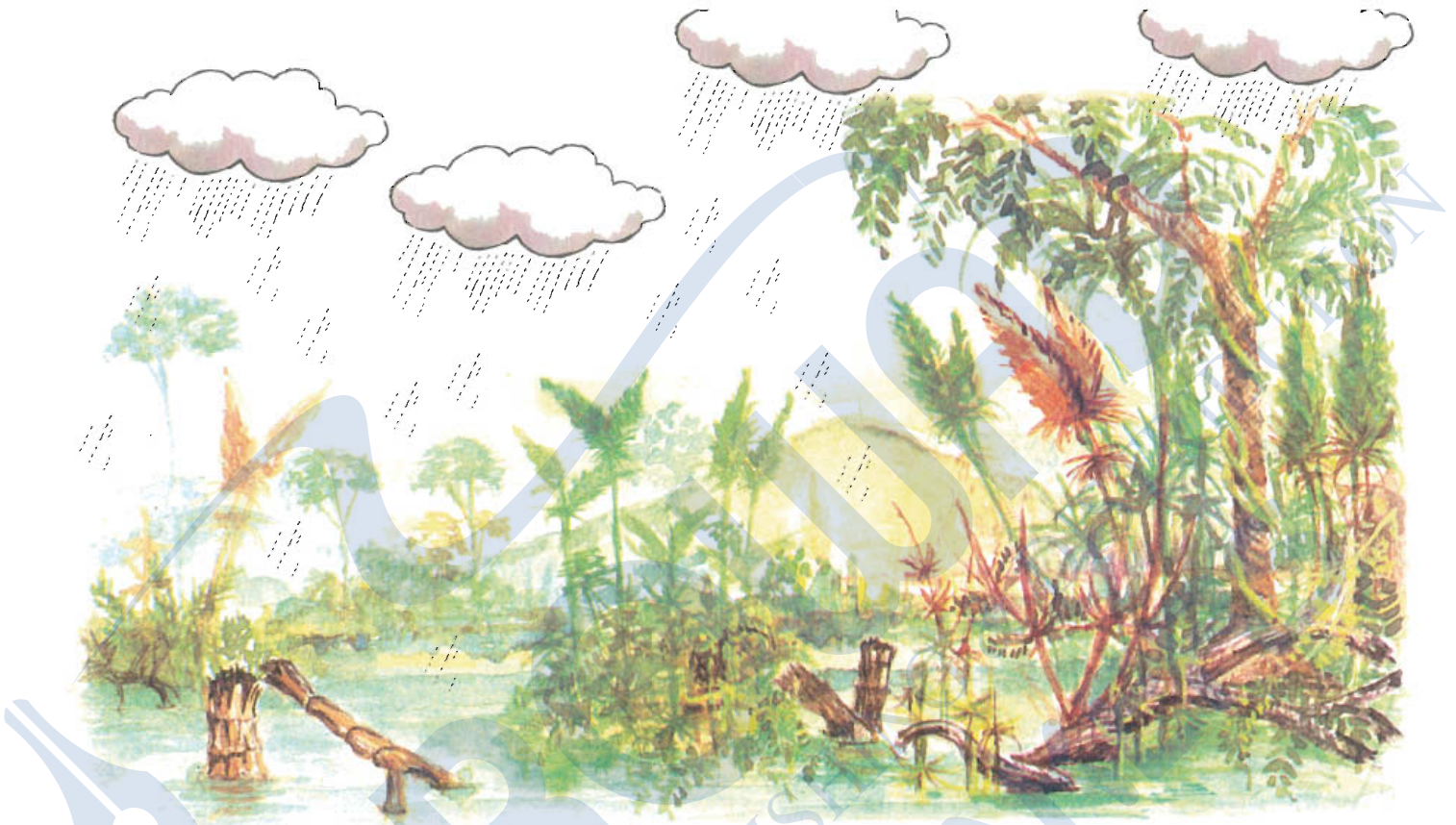
Do not water the other plant for a few days.



Plants need water to grow.



Rain brings a lot of water



During the rainy season lakes, rivers and ponds fill up because of rain water.

This water is not clean enough to drink.

Sometimes, there is so much water in the rivers, which causes flood.