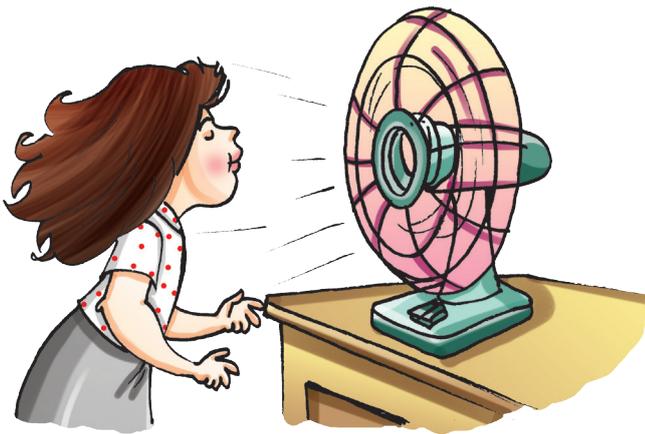


## Air

Air is all around us. But we cannot see or touch it. When it moves we can feel it. Moving air is called wind.



We can feel it when we stand in front of a working fan.



We can feel it when we fan ourselves with a handfan.



We can feel it inside our mouth when we blow our cheeks.



We can feel it when we blow it into a balloon.



## Wind

When air moves very fast, it is called **wind**. Wind can move things along with it. When air moves very gently, it is called **breeze**.

## Air has weight



### Activity : 1

#### To show air has weight

Take two balloons. Fill the air in one balloon only. Put both these balloons in a balance.

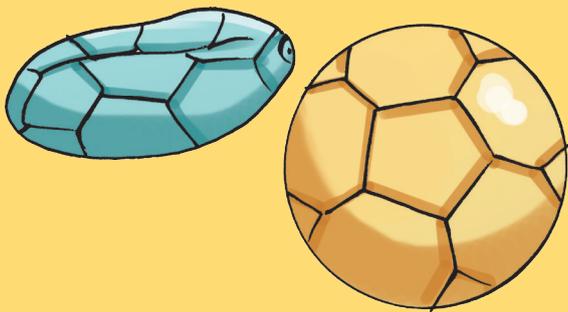
You will find that the balloon with air in it has more weight. Hence, air has weight.



## Air occupies space

Air occupies space.

### Activity : 2



#### To show air occupies space

Take a football, blow air into it and see what happens. The football becomes bigger. Why? This is because air has occupied the space inside the football.

## IMPORTANCE OF AIR

We cannot live without air. Animals and plants too cannot live without air. All living beings need air to breathe and stay alive.

## USES OF AIR

Air is very useful to us.

Air in the tubes inside the tyres make bicycle move.

Air makes fires burn.

Air helps to dry clothes.

Air moves sailboats, gliders and the big blades of a windmill.



### Know the Keywords :

Occupies : Take up (space or time)

Sailboats : Sheet of fabric stretched to catch the wind.

Blades : Cutting edge of a weapon or tool.

### Point to Remember

- Air is all around us.
- We can feel air when it blows.
- Air has weight.
- Air occupies space.
- Plants, animals and human beings need air to stay alive.

## EXERCISE TIME

### A. Multiple choice questions (MCQs).

Tick (✓) the correct option :

1. \_\_\_\_\_ is all around us.

a. Water

b. Air

c. Stone

2. Moving air is called \_\_\_\_\_.

a. breeze

b. storm

c. wind

3. Air makes \_\_\_\_\_ burn.

a. fire



b. house



c. cloth



**B. Fill in the blanks :**

1. Air is \_\_\_\_\_ us.

2. We can \_\_\_\_\_ air.

3. We can feel air when it \_\_\_\_\_.

4. Air has weight and \_\_\_\_\_ space.

5. \_\_\_\_\_ air is harmful to plants and animals.

**C. Change one word in each statement to make the statement true :**

1. When air moves very gently, it is called wind.

2. Air has colour.

3. Air is very bad to us.

4. Air helps to clean clothes.

5. Air makes papers burn.

**D. Answer the following questions :**

1. Why do living beings need air ?

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2. What is moving air ?

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3. Can you see air ?

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4. Give any two uses of air.

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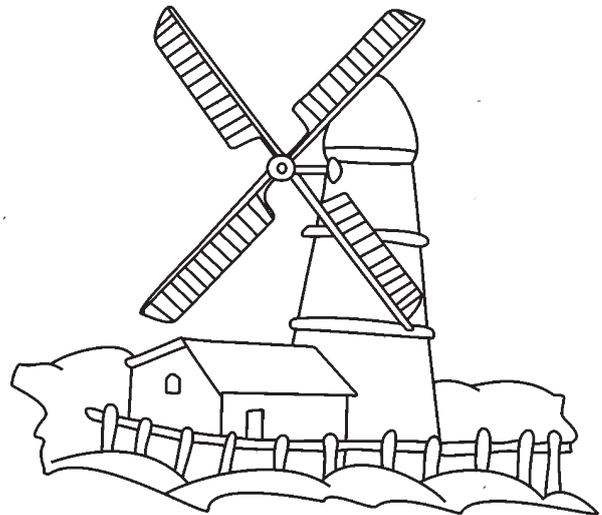
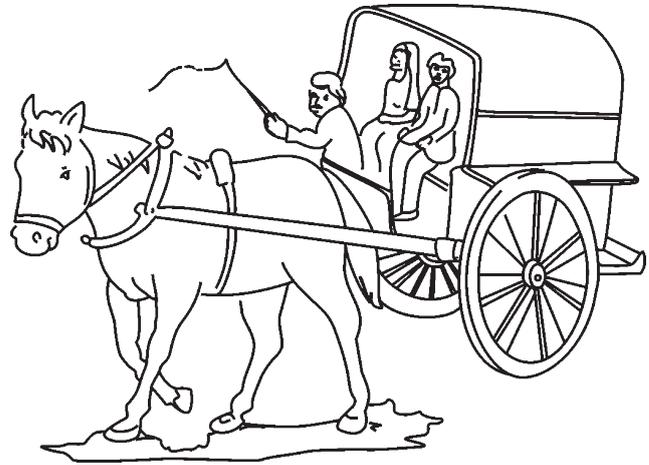
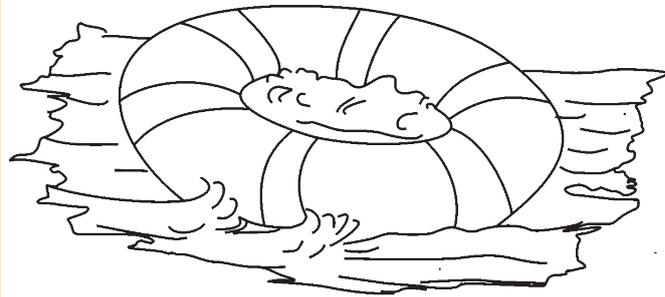
5. What is wind ?

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## Activity Time



- In the pictures given below, which picture shows that air is moving ? Colour that picture :



## Creative Work

- Measure your air power

Take a big balloon. Mark a circle around it, using a pen. Take a deep breath. Blow into the balloon only one time. Wrap a string around the circle on the balloon, to measure its size.

Invite your five friends to blow the balloon. Note : Who has the most air power ?