

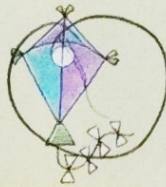


7

Air and Water

Starter

Do you know that air can move things? Look at the given pictures and circle the things that need air to move.



Air

Air is all around us. We cannot see air. But we can feel it when it moves. Moving air is called **wind**.

Wind that blows gently is called a **breeze**.

A very strongly blowing wind is called a **storm**.

Take a piece of paper and fold it to make a fan.

Use the fan. Do you feel the air?



Air occupies space

Take a balloon. Blow air into it. What happens?

It becomes big. Do you know why it becomes big?

Because the air occupies space.

Air has weight

Take two balloons. Fill air in one of the balloons.

Hang both the balloons on two ends of a stick.

Hang the stick from the centre with a thread.



You will see that the end of the stick which has balloon filled with air goes down. This shows that air has weight.

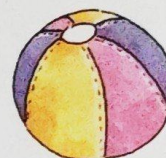
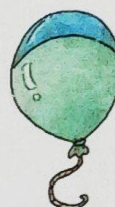
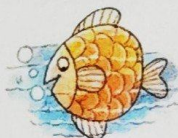


Teacher's note:

Make children feel the presence of air by puffing cheeks or fanning with a book. Make them understand the usefulness of air and water by giving suitable examples. Talk about the various activities that makes the water and air dirty with special emphasis on not burning crackers.

We need air

- All living things need air to breathe. We breathe in air through our nose.
- Plants take in air through tiny holes on their leaves. These holes are called **stomata**.
- Fish breathe through gills.
- Air is filled in balls, balloons and tyres.
- Air helps in lighting a fire to keep it burning.

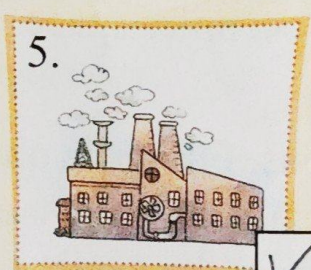
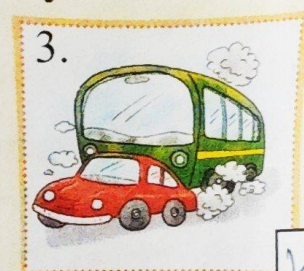


In-Text Activity



Inference

Breathing clean air keeps us healthy. Sometimes, air around us gets dirty. Put a tick (✓) on the activities that make the air dirty.



Drinking water

At home, we get water through taps. Tap water can be cleaned by boiling or filtering.



Drinking water should be stored in clean and closed containers. We should always drink clean water. Drinking dirty water can cause many diseases.

Testimony



Fact File

A person can live for nearly a month without food, but only a week without water.

Now I Know



- Air is all around us. We can only feel it when it moves.
- Air has many uses.
- All living beings need water to live.
- Rain is the main source of water on the earth.

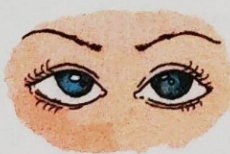
Let Us Revise



A. Put a tick (✓) on the correct option.

1. We breathe in air through this.

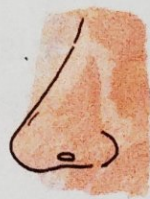
(a)



(b)



(c)

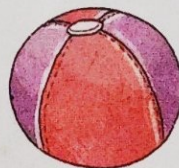


2. Air is filled in _____.

(a)



(b)



(c)



3. At home, we get drinking water through _____.

(a)



(b)



(c)



B. List two uses of

Air : Breathing
lighting fire

Water: cleaning
washing

C. Answer in one line.

- ✓ 1. What is wind?
- ✓ 3. How do fish breathe?
- ✓ 5. How is tap water cleaned?
2. What is a storm?
- ✓ 4. Name two sources of surface water.

D. Make a placard and write down a slogan on 'SAVE WATER'.

E. Buy/make a pin wheel. Hold it in your hands and run across the playground. See it moving. This is because of the air around us.

F. Look at Rishi. He is cleaning his car. Tick (✓) the correct option:



Scenario Building

1. He is saving / wasting water.
2. We can clean a car with a bucket of water / pipe water
3. We get water from rain / soil.

Life Skills



Development of Life Energy

Sit in an open space in the morning and do **pranayama** under parental guidance. Inhale and exhale air. Its good for health.



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CODE-1c21

