

Air is All Around Us

Chapter 3: Air Around Us · Topic 1

Key Concept

Even though air is invisible, we can feel it when it moves as wind, and we can see its effects, like leaves rustling or a flag waving.

Air is present everywhere - inside our homes, outside, and even in small spaces like a balloon or a bottle, which can be filled with air.

We need air to breathe, and it also helps other things, like fire needing air (oxygen) to burn, and plants using air (carbon dioxide) to make food.

Simple experiments, like blowing into a balloon or feeling air with a fan, help us understand that air is real and takes up space, even though we cannot see it.

Quick Revision Notes

- Air is all around us, even though invisible.
- We feel air when it moves as wind.
- Air is present everywhere, even in small spaces.
- We need air to breathe.
- Fire needs air (oxygen) to burn.
- Plants use air (carbon dioxide) to make food.
- A balloon can be filled with air.
- Air takes up space, even though we can't see it.

Practice Questions

- 1 Blow air into a balloon and observe it.
- 2 Feel the air using a hand fan.
- 3 Watch leaves or a flag move in the wind.
- 4 Discuss why we need air to breathe.
- 5 Explain why fire needs air to burn.
- 6 Find three examples showing air is present around us.