

TENDER HEART HIGH SCHOOL, SEC-33B, Chd.

Class: IV

Subject: Science

Topic: Air

Date: 30.09.2024

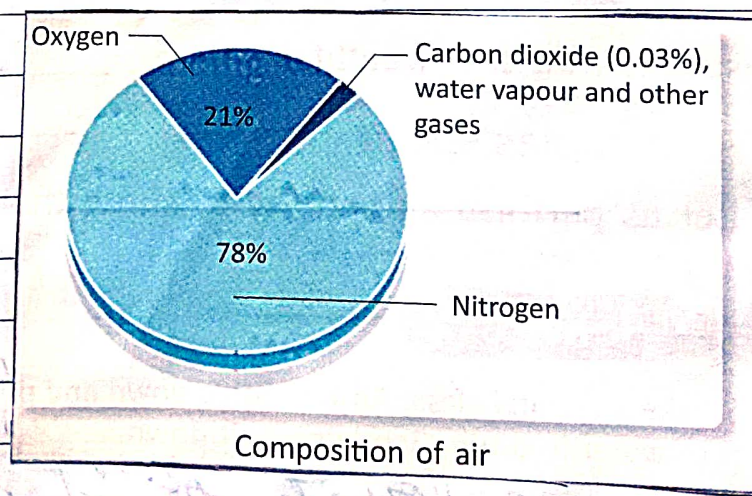
Good Morning students

This lesson is for class 4,
Topic - Air from your book "Srijan ICSE
Science" and is being submitted to you on
30.09.2024

Ch - Air

- Air around us
- Air is present all around us.
- Moving air is called wind.
- The thick layer of air around the earth is called atmosphere.
- Composition of air

Air contains 78% nitrogen, 21% oxygen, 0.03% carbon dioxide, some water vapour and other gases. Besides gases and water vapour, air also has dust, smoke and germs.



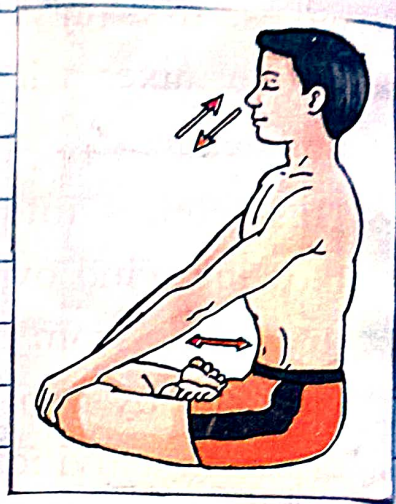
Properties of air

- Air occupies space.
- Air expands.
- Air has no colour.



Uses of air

- All living things such as plants and animals need air to breathe.
- Plants need carbon dioxide gas to make their food.
- Moving air helps in drying clothes and wet surfaces.
- Air helps birds, helicopters, aeroplanes, kites etc in flying and the sailboat in sailing on water.
- Air helps in burning.



How things burn

Things burn in the presence of air when they get sufficient amount of heat. In the above activity, candle burns in the



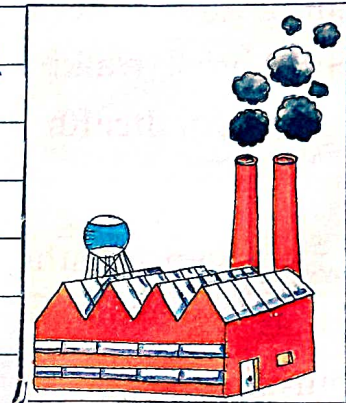
presence of air when we supply heat to it by burning a matchstick. That is why wet things do not burn even in the presence of air because they do not get sufficient amount of heat.

Air pollution

The mixing of harmful substances in the air is called air pollution.

Causes of air pollution

- i) Smoke comes out from factories, vehicles and by the burning of coal.
- ii) Dust comes into air by fast blowing wind over uncovered dry land, from construction sites.



Controlling air pollution

- We should not throw waste in the open.
- We should not burn waste and garbage.
- We should keep our surroundings clean.

Home assignment

Make a poster on the topic 'Keep the air clean'.