



LITTERA PUBLIC SCHOOL

CLASS 6

CHAPTER 15

SCIENCE

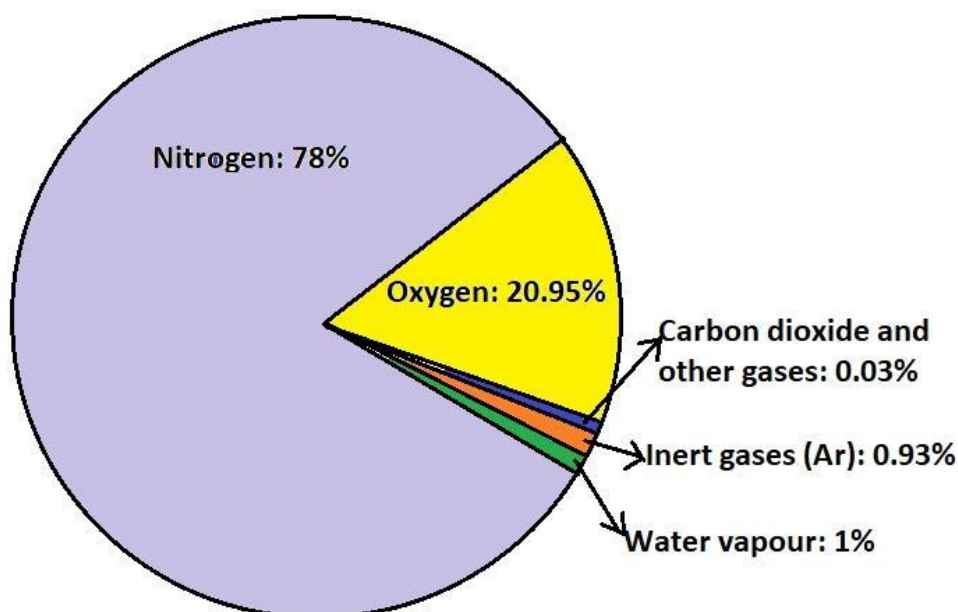
AIR AROUND US

Air: Air is a mixture of different gases.

Properties of air

- It is colourless i.e., it has no colour and taste.
- It is transparent i.e., we can see through it.
- Air occupies space. It fills all the space in a container which is otherwise empty and seems to be empty.
- Air exerts pressure in all directions.

Constituent of Air:



- The main components of air are nitrogen and oxygen.

- Nitrogen makes up about 78 per cent of the air we breathe.
- Nearly 21% of the air is made up of oxygen.
- Carbon dioxide, water vapour, dust particles, and other gases make up the remaining 1%.

Nitrogen: Plants require nitrogen in order to grow. It is required to make proteins.

Oxygen: All living things use oxygen to breathe. It help in burning.

Carbon Dioxide: It us required by green plants for photosynthesis. It is used as fire extinguisher. It is also used in fizzy drinks.

Water Vapour: Water vapour is formed when water evaporates. Humidity refers to the amount of water vapour in the air. It varies from place to place, as well as during the day and night in the same location.

Dust and Smoke: Smoke comprises a small number of gases as well as fine dust particles. It is really dangerous. The number of dust particles in the air changes throughout time and from location to place.

Importance of Air:

1. Burning is aided by the presence of air.
2. Breathing necessitates the presence of air.
3. Plants require air to produce food.
4. Birds fly across the air. Air pressure also causes planes to rise in the air.
5. The windmill rotates because of the wind.

6. Air helps in the rapid evaporation of sweat, which keeps us cool.
7. It helps in drying of clothes.