

TENDER HEART HIGH SCHOOL, SEC-33B, CHD

Class : IV

Subject: Science

Date

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Topic: Air

Date: 07.10.2024

Good Morning students

This is the notebook work of Ch-7. Air from your book Srija ICSE science and is being submitted to you on 07.10.2024

Ch-7

Answer the following question

Q1. What are the three states of matter?

Ans. The three states of matter are solid, liquid and gas.

Q2. What is the composition of air?

Ans. Air is a mixture of many gases. It contains 78% nitrogen, 21% oxygen, 0.03% carbon dioxide, some water vapour and other gases.

Q3. What are the properties of air?

Ans. Properties of air are :-

- i) Air has weight.
- ii) Air occupies space.
- iii) Air expands.
- iv) Air has no colour.

Q4. Write five uses of air?

Ans. Uses of air are:-

- i) Plants and animals need air to breathe.
- ii) moving air helps in drying clothes.
- iii) footballs and tyres of vehicles are filled with air.
- iv) Balloons are filled with air.
- v) clouds reach different places by floating in air.

Q5. What is air pollution? What are its main causes?

Ans. The mixing of harmful substances in the air is called air pollution. Causes of air pollution are:-

- i) smoke from factories.
- ii) dust from construction sites.

Q6. Why is deep breathing good for health?

Ans. Deep breathing is good for health because it provides more oxygen and energy to the body.

Q7. How do things burn?

Ans. Things burn in the presence of air when they get sufficient amount of heat.

Give reasons

1. The air of forests is cool and fresh. Why?

Ans. As the trees present in the forest lose water by the process of Transpiration. This water is added to the surrounding air, making the air of forests cool and fresh.

2. Factories are made away from cities and towns? Why?

Ans. As factories produce waste that can be harmful to the environment and living areas.

Home - assignment : Complete the above work in your notebook.