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LESSON- 9- AIR

Pre activity: Draw 5 objects that floats on air.

New Words:

- | | |
|-------------------|-------------------|
| 1) Inhaling | 2) oxygen |
| 3) hazy | 4) carbon dioxide |
| 5) nitrogen | 6) dust storms |
| 7) volcanoes | 8) suffocated |
| 9) breathlessness | 10) carpool |

Q1) State T for true and F for false.

- Oxygen is found in the maximum amount in the air. F
- Nitrogen is found in the minimum amount in the air. F
- All living things need oxygen to breathe. T
- Plants keep the air fresh. T

Q2) Fill in the blanks.

- Air is a mixture of oxygen, carbon dioxide, nitrogen, and other gases.
- Breathing clean air keeps us healthy.
- People, plants and animals need oxygen.
- Objects like stones do not need oxygen.

Q3)) Answer the following questions.

a) How is carbon dioxide useful? Give any one use.

Ans: . Carbon dioxide present in the air is used by plants to prepare food.

b) Give a few examples of man-made and natural causes of air pollution.

Ans: **Man-made causes of air pollution:**

Smoke from factories, smoke from vehicles, burning garbage, cutting of trees

Natural causes of air pollution:

Smoke from volcanoes, forest fires, dust storms, etc.

c) What are the harmful effects of air pollution?

Ans: Air pollution can cause many problems like asthma, lung infection, sneezing, coughing, irritation in the eyes, difficulty in breathing etc.

d) List three ways to keep the air clean.

Ans: To control air pollution:

- i. Use carpool.
- i. Use more public transport.
- ii. Plant more and more trees.

e) How nitrogen is helpful in packaging factory?

Ans: Nitrogen displaces oxygen. By removing as much oxygen as possible a food item is packed. Oxygen can carry moisture and bacteria can grow on food particles leading to its spoilage.

Post activity:

Draw a diagram showing composition of air in atmosphere.

Sub-Teacher

HOD

Coordinator

Principal