

Class III

Social Studies

Lesson 4- The Air Around Us

INTRODUCTION -

In this lesson we will learn about :-

- a. Air
- b. Air Pollution
- c. Effects of Air Pollution
- d. How Can We Keep The Air Clean?

SUMMARY –

AIR

First we will learn that why we need air?

The answer to this question is that air provides **OXYGEN** for animal life and **CARBON DI OXIDE** for plant life. Both living beings and plants need air to live. Without air there would be no life on Earth.

AIR POLLUTION

When the air becomes dirty due to smoke and harmful gases it is called **AIR POLLUTION**.

We should always breathe clean and fresh air because breathing impure or dirty air can make us sick and it can also harm the atmosphere.

Some major **causes** of Air Pollution are:-

1. Smoke released by factories and Plants.



2. Smoke released by vehicles



3. Burning of coal, kerosene oil and wood for household fire.



4. Use of pesticides and fertilizers in farms.



- 5. Bursting of crackers emits poisonous gases in the air.**



EFFECTS OF AIR POLLUTION

- 1. Air Pollution causes damage to our breathing system thus affecting our Lungs.**
- 2. It can even cause diseases like cancer.**
- 3. It destroys the environment.**
- 4. It causes Global Warming.**

HOW WE CAN CONTROL AIR POLLUTION

Some ways to check Air Pollution are:-

- 1. Walk or ride a bicycle for short distances. Try to use public transport instead of using your own vehicle.**
- 2. Plant more trees as they help us to keep the air clean by absorbing Carbon dioxide n releasing Oxygen.**
- 3. Do not waste electricity.**
- 4. Do not burst crackers on any festival or on any celebrations.**
- 5. Instead of using household fuels like kerosene etc. we should use cleaner fuels like COOKING GAS.**
- 6. Do not waste water.**
- 7. Recycle paper and plastic.**

Ques 1. Answer in one word:-

1. Air needed by human beings to live.

Ans. Oxygen.

2. Air Pollution can cause this disease.

Ans. Cancer.

3. Air is a mixture of _____.

Ans. Gases.

4. Gas inhaled by Plants.

Ans. Carbon dioxide.

Ques 2. Answer the following

1. Why do living beings and plants need air?

Ans. Living beings and plants need air because air provides Oxygen for animal life and Carbon dioxide for plant life.

2. What is Air Pollution?

Ans. When the air becomes dirty due to smoke and harmful gases it is called air pollution.

3. What are the causes of air pollution?

Ans. Some major causes of Air Pollution are:-

- 1. Smoke released by factories and plants.**
- 2. Smoke released by vehicles.**
- 3. Burning of coal, kerosene oil and wood for household fire.**
- 4. Use of pesticides and fertilizers in farms.**

5. Bursting of crackers emits poisonous gases in the air.

4. How does air pollution harm us?

Ans. Air Pollution can harm us in the following ways:-

- 1. It causes damage to our breathing system thus affecting our Lungs.**
- 2. It can even cause diseases like cancer.**
- 3. It destroys the environment.**
- 4. It causes Global Warming.**

5. What can we do to check air pollution?

Ans. Some ways to check Air Pollution are:-

- 1. Walk or ride a bicycle for short distances. Try to use public transport instead of using our own vehicle.**
- 2. Plant more trees as they help us to keep the air clean by absorbing Carbon dioxide n releasing Oxygen.**
- 3. Do not waste electricity.**
- 4. Do not burst crackers on any festival or on any celebrations.**
- 5. Instead of using household fuels like kerosene etc. we should use cleaner fuels like cooking gas.**
- 6. Do not waste water.**
- 7. Recycle paper and plastic.**