



Prepared by: Ms. Laxmimata Kulkarni

LESSON-4. Keep our Earth
Clean and Green

Q1. Key words

- | | |
|-----------------|---------------|
| a} Insecticides | f}diesel |
| b}Pesticides | g}agriculture |
| c}Impurities | h}typhoid |
| d}Afforestation | i}pollutants |
| e}Fertilizer | j}environment |

Q2. Pre - Activity:

1.List 5 things which cause water pollution

Q3. Name the following

1. Name two clean fuels.

Ans] CNG and LPG

2. Name any two pollutants of water.

Ans] Industrial wastes and Unclean water from households

3. When do we celebrate World Environment Day?

Ans] June 5th

4. What is the blanket of air which surrounds the Earth called?

Ans] Atmosphere

Q4] Short answer questions.

1. What are pollutants? Name five pollutants.

The harmful substance which causes pollution is called pollutants.

Examples of pollutants are – Petrol, Diesel, Industrial Waste, Garbage, Fertilizers.

2. What causes air pollution?

Smoke emitted by coal, petrol and diesel cause air pollution.

3. Why are plastic bags harmful to animals?

Many animals die due to choking as they accidentally consume plastic bags

4. What is afforestation? How can it help in reducing pollution?

Planting trees on an open ground is called afforestation. We must plant more trees. The environment will remain green and balance the ratio of carbon dioxide and oxygen.

5. What happens if you dump garbage on soil?

The harmful substances get mixed with the soil and causes soil pollution.

Q 5] Long answer questions.

1. What is pollution? Write the causes of pollution.

Ans] The presence of harmful and impure substances in air, land and water is called pollution.

1} Air Pollution:

a]The smoke emitted by the factories and vehicles disturbs the oxygen- carbon dioxide balance.

2] Water Pollution:

a] Wastes from houses and factories are thrown into rivers, lakes and seas.

b] Fertilisers and chemicals from agricultural fields also pollute the water.

3] Land Pollution:

a] The land pollution is caused by dumping household, agricultural or industrial wastes on open land.

b] The fertilisers and pesticides used in farms also pollute the land.

2. Write four ways to control air/water pollution.

Ans] To keep the environment clean and green, we must take certain steps to prevent pollution. They are as follows:

- We must plant more trees. Trees maintain the oxygen and carbon di oxide ratio.
- Plastic bags can get into drains and block the flow of water. Many animals die as they accidentally consume plastic bags. We must stop using plastic bags.
- Factories should have filter systems to filter the harmful chemicals they release as gases or waste water.
- To check air pollution, we must get our vehicles fitted with CNG or LPG kits. Vehicles should be regularly checked to see if they are causing too much pollution

3. Write about the balance that exists in nature between oxygen and carbon dioxide.

- Earth's atmosphere contains oxygen. It supports life on the planet.
- Living beings on Earth breathe in oxygen from the air and breathe out carbon dioxide.
- The carbon dioxide let out by human beings and animals is taken in by plants to prepare their food. This balances the amounts of carbon dioxide and oxygen present in the air

4. Explain the concept of 3R in detail.

We can manage our waste by practising the 3 R's. The 3 R's of waste management are: reduce, reuse and recycle.

i} Reduce: It means that we should avoid creating unnecessary waste.

- Avoid using paper plates and cups.
- Carry a reusable water bottle.

ii} Reuse: It means to use an item repeatedly or to give it to someone.

- Reuse containers, bags, boxes, tubs, cups, bottles ,clothes.

Clothing, books and toys should be passed on to someone instead of throwing away.

iii}Recycle: This means to collect and recycle waste that is recyclable.

- Collect used paper or containers made of paper. These can be recycled to make notebooks or notepads.

Hots;

1. How do pollutants cause diseases?

Ans] When we directly or indirectly consume air, water or soil containing pollutants, the harmful substances enter our body leading to various diseases and health concerns.

2. Why do we need to celebrate World Environment Day? Can it be celebrated every day?
Ans] Yes, we can celebrate the day every day and ensure that our earth is taken care of on a daily basis.

Post activity:

1. How can you apply 3R methods in your daily life? Write any 2 ways by completing below table.

Reduce the things that you waste	Reuse things in your school	Recycle things at your home

SubjectTeacher

H.O.D.

Co-ordinator

Principal