

St. Andrews Scots Sr. Sec. School

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Session: 2024-25

Class: IV Subject: Science Topic: Protecting Our Environment Lesson No: 14

- Reading of the chapter
- Explanation (will be done in class)

(Textbook exercise)

- A. Tick (✓) the right answer.

1. (b) air pollution
2. (c) wood
3. (b) CNG
4. (a) disposable plates

- B. Fill in the blanks.

1. Harmful
2. Land
3. Typhoid, Cholera
4. Deforestation

- C. Write whether the following statements are (T) for True or (F) for false.

1. False
2. True
3. True

4. False

(Notebook Work)

• **New Words**

1. Deforestation
2. Urbanization
3. Agricultural
4. Global warming
5. Destruction
6. Afforestation
7. Pollutants
8. Fertilizers
9. Chimneys
10. Biodegradable

• **Defines**

1. **Urbanization-** Shifting of population from rural areas to towns and cities.
2. **Pollutants-** Harmful substances that cause pollution.
3. **CNG-** Compressed Natural Gas
4. **Decompose-** To convert into simplest form.
5. **Soil erosion-** The removal of uppermost fertile layer of soil.

- **Fill in the blanks.**

1. Pollutants are **harmful** substances.
2. **Land** pollution causes soil erosion.
3. **Typhoid** and **Cholera** are the diseases caused by water pollution.
4. Cutting of trees on a large scale is called **deforestation**.

- **Short Question Answers**

Q.1 Name the two main components of the environment.

Ans. Living and non living.

Q.2 What does agricultural waste include?

Ans. Fertilizers, pesticides and insecticides.

Q.3 Name any two things that can be recycled.

Ans. Paper and plastic.

Q.4 Name two air pollutants.

Ans. Smoke and harmful gases.

- **Long Question Answers**

Q.1. What is the importance of trees in our life?

Ans. The importance of trees in our life are:-

- i. Trees provide us oxygen.
- ii. They prevent soil erosion.
- iii. We get fruits, vegetables, timber, paper and medicines.
- iv. They help to bring rain.

Q.2 How can air pollution be reduced?

Ans. Air pollution can be reduced by-

- i. By planting more and more trees.
- ii. Using CNG.
- iii. Using chimneys and filters in industries.

Q.3 Give the difference between biodegradable and non-biodegradable waste.

Ans.

Biodegradable waste	Non-biodegradable waste
1. Biodegradable wastes decompose or rot after sometime and get mixed with soil. 2. Eg: Fruits and vegetable peels	1. Non-biodegradable waste do not rot or decompose even after long period of time. 2. Eg: Plastic

Q.4 Explain the three Rs in detail.

Ans. Three R's are-

- Reduce - We should reduce our consumption of resources.
- Reuse - Things can be used again for proper utilization of resources.
- Recycle - Means converting used items into raw material and then making new products from them.

Q.5 What is noise pollution? How can we prevent it?

Ans. Excessive amount of noise that affects the health of human being is called noise pollution.

It can be prevented by

- i. Listening music and television at low volume.
- ii. Banning loudspeaker in public places.
- iii. Speaking softly.
- iv. Avoiding unnecessary honking.

Give Reasons

Q.1 Why are plastic bags banned?

Ans. They are non-biodegradable and harm the environment.

Q.2 Leaves should not be burnt, why?

Ans. Leaves are biodegradable, they get converted into manure but if we burn them, they causes air pollution.

Diagrams

Draw the following diagrams.



• Dictation

Any 10 words

• Activity

Paste the picture of different types of pollution in your notebook.