

# St. Andrews Scots Senior Secondary School

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Session: 2025-26

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

**Defines (Learn from the pg-123)**

**(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

• **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.**

<b>Biodegradable waste</b>	<b>Non-biodegradable waste</b>
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 cause air pollution.

### **Diagrams**

**Draw the following diagrams.**



- **Dictation**

Any 10 words

- **Activity**

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