

International Indian School, Buraidah

Class: 8th

Subject: Environmental Education

Worksheet 2: Pollution and Its Types

1. What is pollution? Give one example from a city.

Ans. Pollution is the unwanted change in the environment caused by harmful substances or activities. For example, smoke from vehicles on busy city roads.

2. Name any four major types of pollution.

Ans. The four major types are: air pollution, water pollution, soil pollution, and noise pollution.

3. What is noise pollution? State one harmful effect of it on human health.

Ans. Noise pollution is excessive or unwanted sound in the environment. It can cause headaches, stress, or hearing problems.

4. What is biodegradable waste? Give one example and explain why it is called biodegradable.

Ans. Biodegradable waste is material that can be broken down by microorganisms, such as fruit peels. It is called biodegradable because they decompose naturally into simpler substances.

5. Explain any two harmful effects of air pollution on human beings.

Ans. Air pollution can cause respiratory diseases such as asthma and bronchitis. It can also irritate the eyes and reduce visibility, leading to more road accidents.

6. How does untreated sewage from homes and factories cause water pollution?

Ans. Untreated sewage adds harmful germs to water and spreads diseases. It reduces oxygen in water, killing fish and other aquatic life. It also creates a bad smell and makes the water unfit for drinking or washing.

7. Suggest any three ways in which you and your family can reduce solid waste generated at home.

Ans. We can reduce waste by using cloth bags instead of plastic bags, reusing containers and bottles, and separating dry and wet waste for recycling and composting.

8. How can plastic waste harm soil and animals on land?

Ans. Plastic waste does not decompose and stays in the soil for many years. It blocks soil pores and reduces soil fertility. Animals may eat plastic bags by mistake and fall sick or die.

Fill in the blanks:

1. Substances that make air, water, or soil dirty and unfit are called **pollutants**.
2. Excessive honking of vehicles on roads mainly causes **noise** pollution.
3. The process of adding harmful substances to rivers, lakes, or seas is called **water pollution**.
4. The mixture of smoke and fog that forms a brownish cloud over some cities is called **smog**.
5. Planting trees along busy roads helps in reducing **air** pollution by absorbing gases and dust.

True or False:

1. Drinking polluted water can spread diseases such as cholera and typhoid. **True**
2. Listening to very loud music on headphones for a long time is harmless to our ears. **False**

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| 3. Using public transport instead of private cars can help reduce air pollution. | True |
| 4. Throwing kitchen waste into open drains helps keep the surroundings clean. | False |
| 5. Non-biodegradable waste is easily broken down by microorganisms in a short time. | False |

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