

CREST Science Olympiad (CSO) Worksheet *for* Class 5



Topic

Pollution and Its Types



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Worksheet on Pollution and Its Types

1. Identify the environmental impact of noise pollution from the options below:

1. Increased respiratory problems
2. Disruption of sleep patterns
3. Imbalance in the ecosystem
4. Hearing disorders

- a. 1 and 2
- b. 2 and 3
- c. 2 and 4
- d. 1 and 3

2. Which option correctly identifies the method to reduce water pollution caused by industrial wastewater?




- a. Discharging untreated wastewater directly into water bodies
- b. Using effective wastewater treatment plants
- c. Dumping hazardous chemicals into rivers
- d. Encouraging excessive use of fertilisers in agriculture

3. Identify the biodegradable items from the list given below:

1. Plastic bottle
2. Aluminium can
3. Banana peel
4. Styrofoam container
5. Cotton fabric
6. Cardboard box

- a. 1, 3, 5
- b. 3, 4, 6
- c. 1, 2, 4
- d. 3, 5, 6

4. Match the following types of pollution with their corresponding examples.

Column I	Column II
1) Air Pollution 	A) Improper disposal of plastic waste
2) Water Pollution 	B) Emission of harmful gases from factories
3) Soil Pollution 	C) Loud noise from construction activities
4) Noise Pollution 	D) Oil spills

- a. 1:B, 2:A, 3:D, 4:C
- b. 1:B, 2:D, 3:A, 4:C
- c. 1:A, 2:B, 3:D, 4:C
- d. 1:C, 2:A, 3:D, 4:B

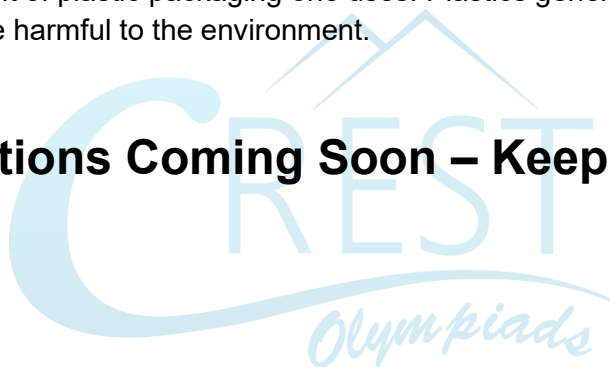
5. How can you apply the three Rs in your daily life?

- a. By using single-use plastic bottles instead of reusable ones
- b. By throwing all waste materials in the same bin
- c. By reducing the amount of plastic packaging you use
- d. By disposing of biodegradable and non-biodegradable waste together

Answer Key

1. c - Noise pollution can interfere with sleep, leading to various health issues, and it can also cause hearing problems due to prolonged exposure to loud noises.
2. b - Wastewater treatment plants help remove harmful substances and pollutants from the wastewater, making it safer for the environment and preventing water pollution.
3. d - The biodegradable items from the list are the banana peel, cotton fabric, and cardboard box. These items can naturally decompose over time and do not contribute to long-lasting pollution in the environment.
4. b -
Air Pollution: Emission of harmful gases from factories
Water Pollution: Oil spills
Soil Pollution: Improper disposal of plastic waste
Noise Pollution: Loud noise from construction activities
5. c - The three Rs, which stand for Reduce, Reuse, and Recycle, can be applied in daily life by reducing the amount of plastic packaging one uses. Plastics generate non-biodegradable waste which can be harmful to the environment.

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