

Grade 4 Science Worksheet: Water Pollution_2
(DifficultyLevel: Intermediate)

Name: _____

Date: _____

1. What Can We Do to Prevent Water Pollution?

2. What role does chlorination play in treating water?

3. What are bio-remediation techniques used to clean up polluted water?

4. How can technology help in detecting water pollution in real-time?

2. Read the statements below and circle whether they are true or false:

a) It is okay to throw plastic bottles in the river if there is no trash can nearby.

- True
- False

b) Recycling can help reduce the amount of plastic waste that ends up in water bodies.

- True
- False

c) Using biodegradable soap helps reduce water pollution.

- True
 - False
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3. Matching Causes to Solutions:

Match the cause of water pollution with the correct solution to stop it.

Cause of Pollution

Solution

- | | |
|-------------------------------------|--|
| A) Excessive plastic waste | 1) Treat sewage before releasing it into water |
| B) Agricultural runoff | 2) Reduce the use of chemical fertilizers and pesticides |
| C) Sewage from homes and businesses | 3) Pick up trash and recycle plastic items |
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4. Short Answer:

How does using less plastic help reduce water pollution? Explain in 3-4 sentences.

5. Water Pollution Activity:

Create a list of 5 everyday actions you can take to help reduce water pollution. Include things like recycling, conserving water, or cleaning up trash.

6. Fill in the Blanks:

- a) The use of ___ in farming can lead to chemical pollution of rivers and lakes.
- b) One way to reduce water pollution is to ___ plastic bags and bottles instead of throwing them in the trash.
- c) ___ can cause the oxygen levels in water to drop, harming fish and other animals.
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-Be Champion-