

## Grade 4 Science Worksheet: Water Pollution\_3 (DifficultyLevel: Intermediate)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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### 1. Types of Water Pollution:

List and describe at least four different types of water pollution.

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### 2. True or False:

Write "True" or "False" next to each statement.

a) Chemical pollution can come from factory waste. \_\_\_\_

b) Biological pollution is caused by trash and plastic. \_\_\_\_

c) Physical pollution occurs when harmful chemicals enter the water. \_\_\_\_

d) Oil spills are a form of physical pollution. \_\_\_\_

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### 3. Fill in the Blanks:

Complete the sentences using the words from the list below: (**oil, sewage, plastic, chemicals, nutrients**)

a) \_\_\_\_ pollution is caused by waste from homes and businesses.

b) \_\_\_\_ pollution happens when oil from ships or factories spills into the water.

c) \_\_\_\_ pollution occurs when factories release harmful substances into the water.

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### 4. Short Answer:

What is the difference between chemical pollution and biological pollution? Explain each type in 2-3 sentences.

**5. What Can Be Done to Reduce Different Types of Water Pollution?**

Write down two ways to reduce each type of water pollution listed in question #1. Think of both individual actions and community efforts.

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**6. Why is desalination becoming an important method to address water scarcity in polluted regions?**

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**7. What is the role of aeration in cleaning water?**

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**8. How do wastewater treatment plants help in reducing water pollution?**

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**9. Matching Activity:**

Match the type of water pollution with its example.

<b>Type of Pollution</b>	<b>Example</b>
A) Chemical Pollution	1) Oil spilling into the ocean
B) Biological Pollution	2) Sewage waste from toilets
C) Physical Pollution	3) Plastic bags and bottles in the water
D) Nutrient Pollution	4) Fertilizers from farms washing into lakes

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**-Be Champion-**