

Grade 4 Science Worksheet: Noise Pollution_3
(DifficultyLevel: Advance)

Name: _____

Date: _____

Fill in the Blanks

Complete the sentences below with the correct words.

1. _____ vehicles are a major source of traffic noise pollution in cities.
 2. Loud music played in public spaces or at night can cause _____ pollution.
 3. _____ pollution from construction sites can disrupt daily life and cause stress.
 4. Noise pollution can interfere with _____ patterns, leading to fatigue and irritability.
 5. _____ noise pollution occurs when factory machines or industrial equipment create constant sound.
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Match the Following

Match each effect of noise pollution with its correct description. Write the letter of the correct description next to the number.

| Effect of Noise Pollution | Description |
|----------------------------------|--|
| 1. Hearing Loss | a) High levels of noise increase the risk of heart disease |
| 2. Sleep Disturbance | b) People find it hard to sleep due to loud noises at night |
| 3. Increased Stress | c) Can make it difficult to focus on work or school tasks |
| 4. Heart Problems | d) Prolonged exposure to loud noise can permanently damage hearing |
| 5. Poor Concentration | e) Chronic noise raises blood pressure and causes anxiety |

Short Answer Questions

Answer the following questions.

1. **What are two common sources of noise pollution in a busy city?**

2. **How does noise pollution affect animals in their natural habitats?**

3. **Why is it important to reduce noise pollution near schools and libraries?**

4. **What are two ways you can help reduce noise pollution when using electronic devices?**

5. **How can soundproofing your bedroom help you get better sleep?**

Multiple Choice Questions (MCQs)

Choose the correct answer.

- Which of the following is an example of construction noise pollution?
 - The sound of traffic on a busy road
 - A dog barking loudly
 - The noise from a jackhammer at a building site
 - The sound of a helicopter flying
- What can excessive noise from traffic cause in humans?
 - Better hearing
 - Improved concentration
 - Increased blood pressure
 - Reduced stress
- Which of the following is a solution to reduce noise pollution in a neighborhood?
 - Increase the number of vehicles on the road
 - Plant trees along busy streets

- c) Keep loud music playing at all times
 - d) Remove all soundproofing from homes
4. What is the main reason why noise pollution affects sleep?
- a) It prevents people from hearing alarm clocks
 - b) Loud noises can keep the brain alert and prevent rest
 - c) It makes the room too dark
 - d) It causes an increase in temperature
5. How can quieter machines like electric cars help reduce noise pollution?
- a) They make no noise at all
 - b) They produce less sound compared to gas-powered vehicles
 - c) They can be used at night without disturbing anyone
 - d) They block out the noise of other machines
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True or False

Read the statements and mark "True" or "False".

- 1. _____ Noise pollution only occurs in urban areas and not in rural areas.
 - 2. _____ It is good to keep the volume of music high when you're at a party.
 - 3. _____ Planting trees around roads can help absorb noise and reduce pollution.
 - 4. _____ Noise pollution has no impact on animals or the environment.
 - 5. _____ Using noise-canceling headphones can protect your ears from loud sounds.
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-Be Champion-