Grade 4 Science Worksheet: Noise Pollution_1
(DifficultyLevel: Advance)

Name: _____
Date: _____

Section 1: Fill in the Blanks

Complete the sentences below with the correct words.

1. Noise pollution can harm both humans and _____.
2. A _____ is the main source of traffic noise pollution, especially in busy areas.
3. Exposure to loud noises for long periods of time can lead to _____ loss.
4. The loud noises from fireworks can disturb both people and _____.
5. One effective way to reduce noise pollution is by _____ trees around your house or school.
6. _____ noise pollution comes from factories and power plants due to the constant operation of machinery.

Section 2: Match the Following

Match each source of noise pollution with its example. Write the letter of the correct example next to the number.

Source of Noise Pollution	Example
1. **Vehicle Noise**	a) The sound of dogs barking early in the morning
2. **Construction Noise**	b) Cars honking horns on a crowded street
3. **Fireworks Noise**	c) Loud machines like cranes and drills at construction sites
4. **Animal Noise**	d) Explosions and bangs during a holiday celebration
5. **Industrial Noise**	e) Factory machines running all day and night

Section 3: Short Answer Questions

Answer the following questions in full sentences.

1. **What are two harmful effects of long-term exposure to noise pollution?**
   _____
   _____

2. **How can excessive noise affect a student's ability to study or concentrate?**
   _____
   _____

3. **What is one solution to reduce noise pollution caused by construction sites?**
   _____
   _____

4. **Why is noise pollution particularly harmful at night?**
   _____
   _____

5. **What role do trees and plants play in reducing noise pollution?**
   _____
   _____

Section 4: Multiple Choice Questions (MCQs)

Choose the correct answer for each question.

1. Which of these is an example of animal noise pollution?
   a) Loud cars on the road
   b) Dogs barking non-stop
   c) Sirens from emergency vehicles
   d) Fireworks during New Year's Eve
2. What is one potential health effect of long-term exposure to traffic noise?
   a) Improved sleep quality
   b) Hearing loss
   c) Better focus and concentration
   d) Reduced stress levels
3. Which of the following is NOT a solution to reduce noise pollution?
   a) Planting more trees
   b) Soundproofing your home

c) Using loud equipment near schools

d) Turning down the volume of your music

4. What is the most common source of industrial noise pollution?
   a) Fireworks
   b) Traffic
   c) Factory machines and equipment
   d) Dogs barking

5. How can planting trees help reduce noise pollution?
   a) Trees absorb sound and block it from traveling further
   b) Trees produce louder sounds when the wind blows
   c) Trees help you sleep better at night
   d) Trees make the area warmer, reducing sound

Section 5: True or False

Read each statement carefully and write "True" or "False".

1. _____ Noise pollution can lead to hearing problems if a person is exposed to it for too long.
2. _____ Fireworks can be considered noise pollution because they make loud and sudden noises.
3. _____ Noise pollution only affects humans and does not disturb animals.
4. _____ Using quiet machines, like electric cars, can help reduce noise pollution.
5. _____ Lowering the volume of music or TV shows can help reduce noise pollution in neighborhoods.

-Be Champion-