Grade 4 Science Worksheet: Noise Pollution_4
(DifficultyLevel: Advance)

Name: _____
Date: _____

Fill in the Blanks

Complete the sentences by filling in the blanks with the correct words.

1. _____ noise pollution is caused by vehicles like cars, buses, and trucks driving on busy streets.
2. _____ noise pollution comes from loud machinery and equipment used in construction or factories.
3. Constant exposure to noise can increase the risk of _____ problems, including high blood pressure.
4. Animals, like _____, rely on hearing to communicate, and loud noise pollution can disturb their natural behavior.
5. Fireworks can cause noise pollution, especially during _____ or special events.
6. One way to reduce noise pollution at home is by using _____ materials to block sounds from the outside.

Match the Following

Match each source of noise pollution to its appropriate description. Write the letter of the correct description next to the number.

Source of Noise Pollution	Description
1. **Traffic Noise**	a) Dogs barking loudly in a neighborhood or early in the morning
2. **Construction Noise**	b) Loud machinery, like bulldozers and drills, used to build or repair roads and buildings

3. **Animal Noise** c) The sound of car horns honking or engines revving on busy streets

4. **Industrial Noise** d) Constant, loud sounds from factory machines and engines

5. **Fireworks Noise** e) The loud explosions and bangs heard during festivals or celebrations

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Short Answer Questions

Answer the following questions in full sentences.

1. **Why is noise pollution considered a harmful environmental problem?**

   _____

   _____

2. **What can happen to people's health if they are constantly exposed to loud noise?**

   _____

   _____

3. **What is one solution to reduce noise pollution near schools and playgrounds?**

   _____

   _____

4. **How does noise pollution affect your ability to concentrate or study?**

   _____

   _____

5. **Explain how noise pollution can affect animals in the wild.**

   _____

   _____

Multiple Choice Questions (MCQs)

Choose the correct answer for each question.

1. Which of these is an example of industrial noise pollution?
   a) Dogs barking loudly
   b) A jackhammer breaking concrete at a construction site

c) A loud concert at a park

d) The sound of vehicles honking in traffic

2. What is one of the main reasons noise pollution is harmful at night?

   a) People can't hear important sounds, like alarm clocks.

   b) Loud noises disturb people's sleep, making them tired and irritable the next day.

   c) It makes it hard to see the stars.

   d) It can make the streets safer.

3. What is the best way to reduce noise pollution from vehicles in a city?

   a) Allow more vehicles on the road

   b) Increase the speed limit on highways

   c) Encourage the use of quieter electric cars and public transportation

   d) Keep all cars honking their horns

4. How can trees and plants help reduce noise pollution?

   a) Trees make loud sounds when the wind blows

   b) Trees absorb sound and act as natural barriers to block noise

   c) Trees cause more noise pollution by attracting animals

   d) Trees create loud vibrations that cancel out noise

5. What should people do if they hear loud noises, like music or construction, late at night?

   a) Ignore the noise and try to sleep through it

   b) Politely ask the people to lower the volume or stop the activity

   c) Play louder music to drown it out

   d) Call the police immediately

True or False

Read the following statements and write "True" or "False".

1. _____ Noise pollution only occurs in cities and does not affect rural areas.

2. _____ Soundproofing your house can help reduce noise pollution from outside.

3. _____ Fireworks during holidays are not considered noise pollution because they are part of celebrations.

4. _____ Prolonged exposure to high levels of noise can cause long-term hearing damage.

5. _____ Noise pollution is only a problem for humans and has no effect on animals.