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

Name: _____
Date: _____

Fill in the Blanks

Fill in the blanks with the appropriate word.

1. Noise pollution is caused by any sound that is too _____ or unwanted in the environment.
2. Continuous exposure to loud noise, such as from heavy _____, can cause health problems like hearing loss.
3. Some animals, like bats and whales, rely on sound to _____ with each other and to find food.
4. _____ pollution from machines like jackhammers can be disturbing to people living nearby.
5. At night, noise pollution from _____ or loud music can prevent people from getting a good night's sleep.
6. One way to reduce noise pollution is to use _____ cars that produce less engine noise.

Match the Following

Match the source of noise pollution with the example of the noise it causes.

Source of Noise Pollution	Example of Noise
1. **Traffic Noise**	a) A dog barking loudly for hours
2. **Construction Noise**	b) The sound of a motorcycle revving its engine
3. **Animal Noise**	c) The sound of heavy machinery like a bulldozer or crane
4. **Industrial Noise**	d) The noise from machines operating in a factory
5. **Fireworks Noise**	e) Fireworks exploding on New Year's Eve

Short Answer Questions

Answer the following questions in full sentences.

1. **What are two common health problems caused by long-term exposure to noise pollution?**

   _____

   _____

2. **Why is noise pollution more disturbing at night?**

   _____

   _____

3. **What are some ways to minimize the noise pollution from construction sites?**

   _____

   _____

4. **How can using quieter machines help reduce noise pollution?**

   _____

   _____

Multiple Choice Questions (MCQs)

Choose the correct answer for each question.

1. Which of the following is a major cause of traffic noise?
   a) Birds chirping
   b) Engines revving and honking horns
   c) Fireworks during a festival
   d) A dog barking
2. Which of these is NOT an effect of noise pollution?
   a) Hearing loss
   b) Improved sleep
   c) Increased stress
   d) Poor concentration
3. How can planting trees help reduce noise pollution?
   a) Trees make loud sounds that mask other noises
   b) Trees can absorb and block sound, acting as natural barriers
   c) Trees create more noise by swaying in the wind
   d) Trees do not have any impact on noise levels
4. What is one way to prevent noise pollution caused by fireworks?
   a) Only use fireworks during the day
   b) Set off fireworks only during special occasions

c) Set off fireworks as loudly as possible
d) Increase the number of fireworks used

5. Which of the following is an example of industrial noise pollution?
   a) The sound of cars on the highway
   b) The sound of a jackhammer breaking concrete
   c) The noise of a factory's machinery running
   d) The sound of a dog barking

True or False

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

1. _____ Noise pollution has no effect on animals because they are used to it.
2. _____ Using ear protection when exposed to loud sounds can prevent hearing loss.
3. _____ Traffic noise is often less of a problem in rural areas compared to cities.
4. _____ Noise pollution only affects humans and does not harm the environment.
5. _____ Fireworks are a major source of noise pollution during holidays and celebrations.

-Be Champion-