CREST Science Olympiad (CSO)
Worksheet for
Class 3

Topic

Sound

Worksheet on Sound

1. **Which of the following sounds is an example of noise pollution?**

   a. Birds chirping in a garden
   b. Waves crashing on the beach
   c. Rain falling on the roof
   d. Construction machinery at a building site

2. **The sound produced by the following object is _____.**

   a. soft and gentle
   b. loud and powerful
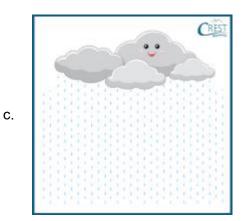   c. high-pitched and squeaky
   d. no sound at all

3. **Which of the following is an example of a natural sound?**

   a.

   b.

c.

d.

4. **Judy is conducting an experiment on echoes. If she shouts in a wide-open space with no walls, what would she observe?**

    a. She will hear a loud echo.
    b. She will hear a soft echo.
    c. She will hear no echo at all.
    d. She will hear multiple echoes.

5. **What can you do to protect your ears from loud noises?**

    a. Wear sunglasses
    b. Cover your ears with your hands
    c. Use headphones or earplugs
    d. Close your eyes tight

Answer Key

1. d - Construction machinery at a building site produces loud and disruptive noise, which can be categorised as noise pollution.

2. b - Loudspeakers are specifically built to amplify sound, making it louder and more powerful.

3. c - Rainfall is a natural occurrence and the sound of rain falling is a natural sound.

4. c - In Judy's experiment, if she shouts in a wide-open space with no walls, there are no surfaces for the sound waves to bounce off and reflect back to her. As a result, she would not hear any echoes.

5. c - Using headphones or earplugs can reduce the intensity of loud sounds and protect your ears from damage.

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