



Sound

Silver

These Silver questions extend sound knowledge to pitch, volume, and comparing how sound travels.

Name: _____ Date: _____

Section A: Pitch & Volume

1. What is "pitch" in sound?

2. Explain the difference between a loud sound and a high-pitched sound.

3. Would a small elastic band or a thick elastic band make a higher-pitched sound when plucked? Why?

4. How could you make a sound quieter without moving away from it?

5. Explain why a drum makes a deeper sound than a triangle.

Section B: Sound Travelling

1. Explain why you might see lightning before you hear thunder.

2. Why do soldiers sometimes put an ear to the ground to detect distant vehicles?

3. Explain why sound cannot travel through space.

4. Compare how well sound travels through air, water, and solid metal.

5. Why might a room with soft furnishings (carpets, curtains) sound quieter than an empty room?
