

Name _____

The Magical World of Sound: How is it Created?

Multiple Choice Questions

1. What is sound?
 - a) A form of light energy
 - b) A form of mechanical energy
 - c) A form of magnetic energy
 - d) A form of heat energy

2. How are sound waves created?
 - a) Through the movement of air particles
 - b) Through the movement of light particles
 - c) Through the movement of magnetic particles
 - d) Through the movement of water particles

3. What determines the pitch of a sound?
 - a) The amplitude of vibrations
 - b) The frequency of vibrations
 - c) The speed of vibrations
 - d) The size of the vibrating object

4. What determines the volume or loudness of a sound?
 - a) The color of the sound
 - b) The size of the vibrating object
 - c) The amplitude of vibrations
 - d) The frequency of vibrations

5. In what medium does sound typically travel?
 - a) Vacuum
 - b) Water
 - c) Solid objects
 - d) Air

