

Sound (Year 4)

Prior Learning

Key Vocabulary

Variation: A different or distinct version of something

Cause and Effect: Something happening because a different thing prompted it to happen

Pitch: The degree of highness or lowness of a sound.

Volume: The quantity or power of sound; the loudness.

Vibrate: Continuous movement that sends sound waves through the air and objects.

Insulation: Prevent energy from passing through

Key Facts

- 1) Sound can travel through solids, liquids and gases.
- 2) Sound travels as a wave, vibrating the particles in the medium it is travelling in
- 3) Sound cannot travel through a vacuum.
- 4) Inside your ear, the vibrations hit the ear drum and are then passed to the middle and then the inner ear. They are then changed into electrical signals and sent to your brain. Your brain tells you that you are hearing a sound.
- 5) Sounds are created by vibrations. The louder the sound, the bigger the vibration.
- 6) Pitch is a measure of how high or low a sound is.

Images and Icons

