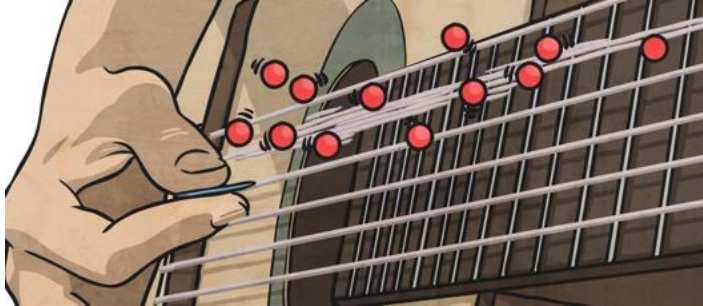


Sound

Year 4



Key Questions

How do sounds travel and get to our ears?

Does sound vibrate particles?

How do we hear the sound?

Are some animals better adapted to hearing sounds?

What is pitch? How do we change the pitch of a sound?

What is volume? How do we change the volume of a sound?

How does sound change over a distance?

Does a sound travel better through solids, liquids or gases?

Key Vocabulary

Amplitude: The size of a vibration. The larger the amplitude the louder the sound.

Distance: A measurement of length between two points.

Ear: An organ for hearing.

Eardrum: A part of the ear that separates the outer ear from the middle and inner ear. Sound waves make the ear drum vibrate.

Particles: Solids, liquids and gases are made of particles.

Pitch: How high or low a sound is.

Sound: Travels in waves through solids, liquids and gases.

Soundproof: To prevent sound from passing.

Sound Energy: Energy travelling from particle to particle.

Sound Wave: Vibrations travelling from a sound source.

Vibration: A movement forwards and backwards.

Volume: The loudness or quietness of a sound.

