



Sound

SCIENCE KNOWLEDGE ORGANISER



ESSENTIAL VOCABULARY	
Vibration	A quick movement back and forth.
Sound wave	Vibrations travelling from a sound source.
Volume	The loudness of a sound.
Amplitude	The size of a vibration. A larger amplitude- a louder sound
Pitch	How low or high a sound is.
Ear	An organ used for hearing.
Particles	Solids, liquids and gases are made of particles. They are so small we can't see them.
Distance	A measurement of length between two points.
Soundproof	To prevent or stop sound passing through.
Absorb sound	To take in sound energy. Absorbent materials have the effect of muffling sound.
Vacuum	A space where there is nothing. There are no particles in a vacuum.

Key Questions
How do we hear sound? What is sound? What materials are best for soundproofing? How do animals rely on sound?

Key Themes
<ul style="list-style-type: none"> • How sound travels • How sound changes dependant on distance from source. • Dangers of sound • Animal use of sound (echo-location)

Useful Diagrams

How Does Hearing Work?

