

Sound waves are longitudinal waves, made by particles vibrating. These vibrations are passed along to nearby particles, which then pass them on again. This is how sound waves travel along through solids, liquids and gases. When the particles vibrate near your eardrum, your eardrum vibrates. This movement gets turned into an electrical signal, which is then passed on to your brain.

Vibrate	move continuously and rapidly to and fro		
Longitudinal	A wave that oscillates back and forth		
wave			
Decibel (dBl)	a unit for expressing the relative intensity of sounds		
Volume	a measure of loudness		
Amplitude	a, of a wave is the distance from the centre line (or t	he still	
	position) to the top of a crest		
Pitch	Determined by how quickly the sound wave is making the air		
(high/low)	vibrate		
Wavelength	the distance between the crests (tops) of two waves next to		
	each other		
Oscilloscope			
	the waveform of electronic signals		
Microphone	for transmitting your voice electronically		
Particle	a substance which cannot be split up into smaller pieces		
Vacuum	a space with no (air) particles present		
Hypothesis	an idea or explanation that you then test through study and		
	experimentation		
Reflect	when light or sound bounces off an object.		
Absorb	to take in or soak up		
Soundproofing	reducing noise	Peak	





