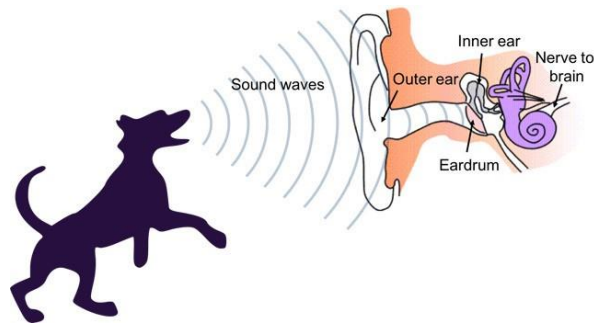
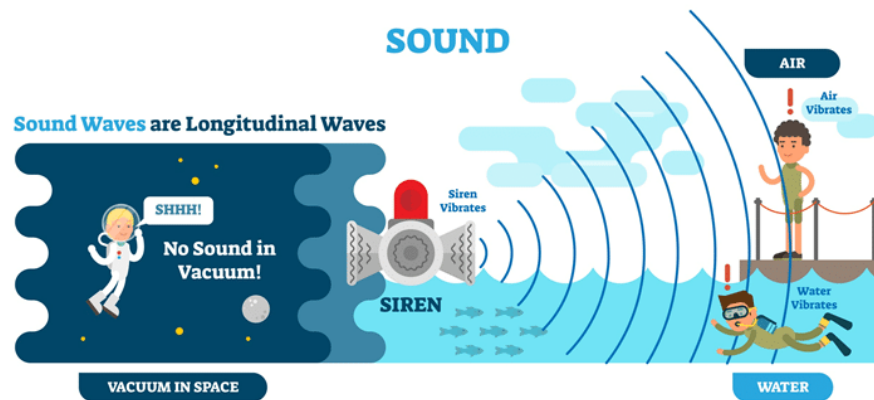
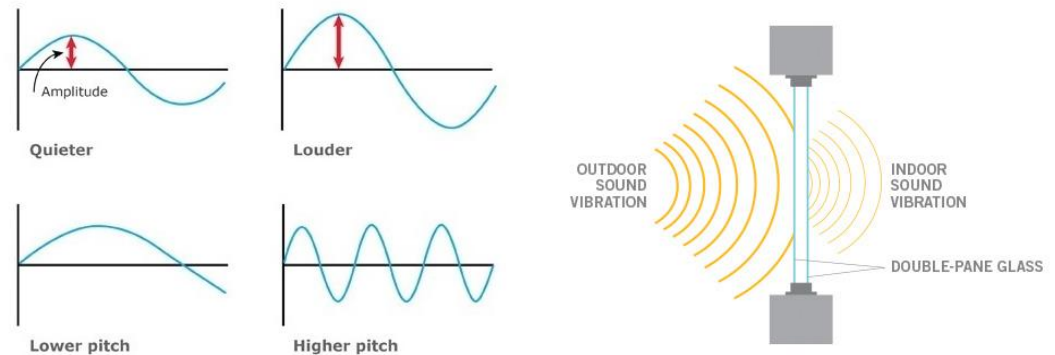




Year 4 - Summer 1 - Sound



Key Facts
Sound is a kind of energy, created by vibrations .
Sound can travel through solids , liquids and gases . Sound cannot travel through a vacuum .
Sound waves travel to the ear and make the ear drum vibrate .
Quiet sounds are created by smaller sound waves.
Loud sounds are created by larger sound waves.
Low pitch sounds are created by long sound waves.
High pitch sounds are created by short sound waves.



Key Vocabulary

Vibration	Very fast back-and-forth movements.	Volume	How loud or quiet sound is.
Sound source	The point where the sound starts. It can be natural or man-made.	Decibel	A unit for measuring how loud or quiet something is (dB).
Sound wave	The way sound travels from a source.	Pitch	How high or low the sound is.
Vacuum	A space with nothing in it, not even air.	Amplitude	The size of the vibration (sound wave). The larger the amplitude (vibration), the louder the sound.
Sound proofing	The process of reducing excess sound.	Frequency	The number of vibrations (sound waves) in a second. The higher the frequency (number of vibrations), the higher the pitch.

