

Science Knowledge Organiser

Road Trip USA!



I already know:

- Sounds are made when objects vibrate.
- Sounds can also be loud or quiet. We call this the volume or loudness of the sound.
- We use our ears to hear.

Key Vocabulary:

amplitude	the size of a vibration- a larger amplitude = a louder sound
cochlea	the sound reception part of the inner ear
Decibels (dB)	a unit used to measure the intensity of a sound
eardrum	the membrane which collects sound from the pinna and passes it to the inner ear
pitch	how low or high a sound is
pinnae	the outside flaps of the ear which help catch the vibrations
vibrations	very quick movements

I will learn:

- how sound is made.
- how sound travels from a source to our ears.
- how sounds are made, associating some of them with vibrating.
- the correlation between the volume of a sound and the strength of the vibrations that produced it.
- what happens to a sound as it travels away from its source.

