Sound

Vocabulary

Key Vocabulary	Definition
Wave	Sound waves are vibrating energy that look like waves.
Vibration	Something moving very quickly up and down
Amplitude	The maximum distance moved by a sound wave.
Volume	How loud a sound is
Pitch	How high or low a sound is

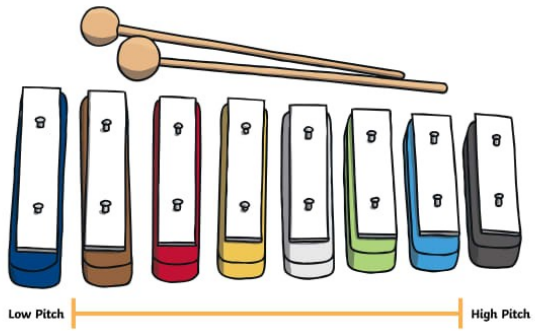
Key Questions

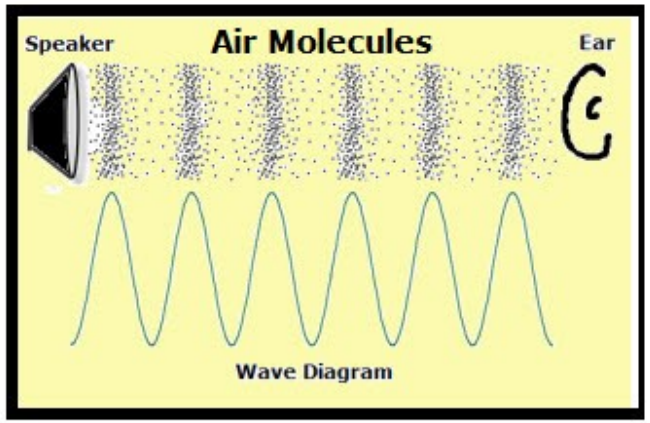
How are sounds made?

How do sounds travel?

How can the pitch of a sound be changed?

How can the volume of a sound be changed?





Key Facts
Sounds are made when an object causes vibrations.
We hear the sound when the vibrations travel to our ears.
Ears vibrate in a similar way to the original source of the vibration, allowing us to hear many different sounds.
The stronger the vibration then the louder the sound.
The further away a sound source is then the fainter the sound will be.
A smaller or tighter object will produce a higher pitch sound.
Dogs can hear sound at a higher frequency than humans, allowing them to hear noises that we can't.
Sound is used by many animals to detect danger, warning them of possible attacks before they happen.