

Key Vocabulary

ear
eardrum
pitch
sound wave
vibration
volume

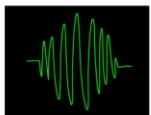
Volume

How loud or quiet a sound is.



Pitch

How high or low a sound is.

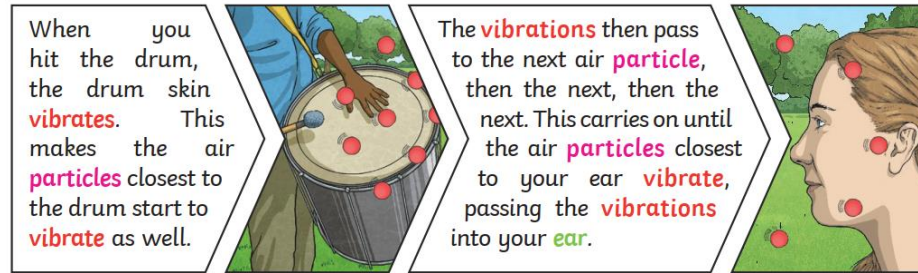


Physics

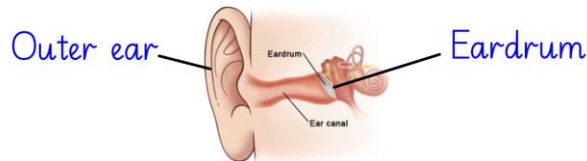
Science Y1: Sound

Key Knowledge

Sound is a type of energy. Sounds are created by **vibrations**. The louder the sound the bigger the **vibration**.



The sound of a loud noise makes your **eardrum** vibrate (move).



When something makes a noise, the air all around it moves. The moving air hits your eardrum and makes it **vibrate** (move back and forth very fast). When your eardrum vibrates, you hear the sound.

How does sound **travel**?

Sound travels **through the air**.

Sound travels **through vibrations**.

Nearly everything that moves makes a sound.



vibrate

to move something fast back and forward.



Links to other subjects:

Music