

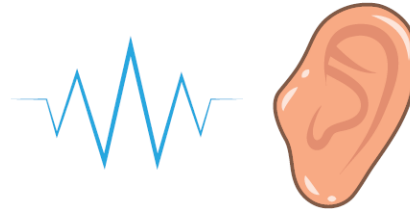
Sound Knowledge Organiser

Sound Vocabulary

- **Sound** – vibrations that travel through the air and other mediums and can be heard.
- **Vibration** – very quick back and forth movements.
- **Pitch** – how low or high a sound is
- **Volume** – how loud or quiet a sound is.
- **Sound waves** – vibrations travelling from a sound source.

What is sound?

Sounds are made when objects **vibrate**. The vibration makes the air around vibrate, causing **sound waves**. The sound waves enter your **ear** and you hear the vibrations as sound.



Parts of the Ear

- **Ear** – the organ used to hear.
- **Pinnae** – the outside flaps of the ear which catch the vibrations.
- **Eardrum** – thin layer of tightly stretched skin. It vibrates when sound waves hit it
- **Hammer** – one of the three tiny bones in the ear. It moves when the ear drum vibrates.

Sounds interesting!

- If you have bigger pinnae, you can hear sounds louder! Cup your hands round your ears – do sounds sound louder?
- The stirrup is the smallest bone in the entire human body!
- The loudest natural sound on earth is caused by an erupting volcano!

The Ear

