
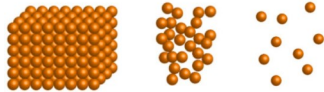


Sensational Sound

How does sound travel?

- Sounds travels through the air in **waves** 
- Sound can travel through solids, liquids and gases.



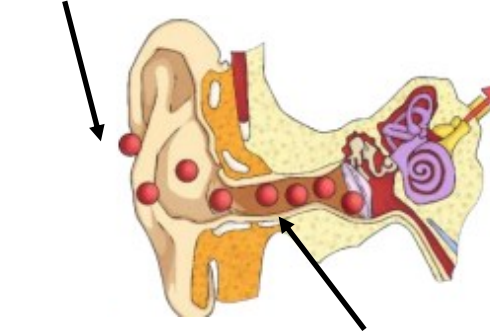
How does sound reach our brain?



Inside your ear, the **vibrations** hit the eardrum and are then passed to the **middle ear** and then the **inner ear**. They are then changed in to electrical signals and sent to your brain. Your brain tells you that you are hearing a sound.

How do we hear sounds?

1. Sounds **vibrate** and enter our ears.



2. Tiny hairs inside our ears connect to **nerves** under our skin.

3. The nerves send messages to our **brain** to tell us we heard a noise.

Volume of a sound




- The **louder** the sound, the bigger the vibration.
- The **closer** you are to a sound, the **louder** it will be.
- The **further away** you are from a sound, the **quieter** it will be.

Vocabulary


vibrate 

sound 

soundwave 

pitch 

volume 

vibration 

decibel 

sound source

medium