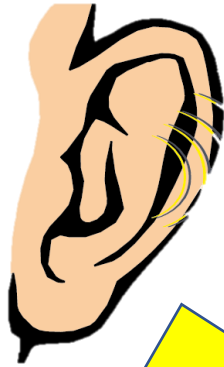
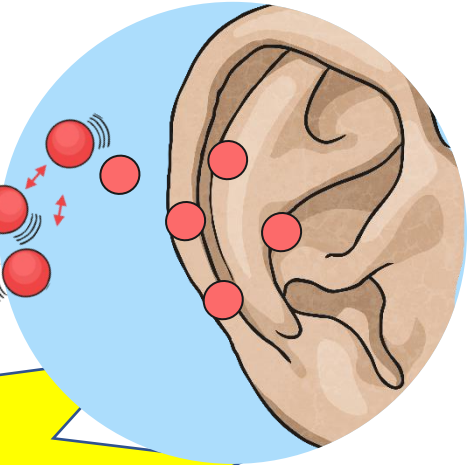


# Sound

Sounds are created by vibrations. Vibrations are movements that are sometimes so tiny you cannot see them.

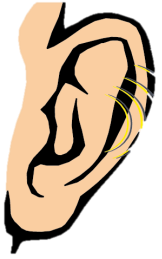


The air molecules around an object making a sound vibrate and they make the next air molecules vibrate and so on.

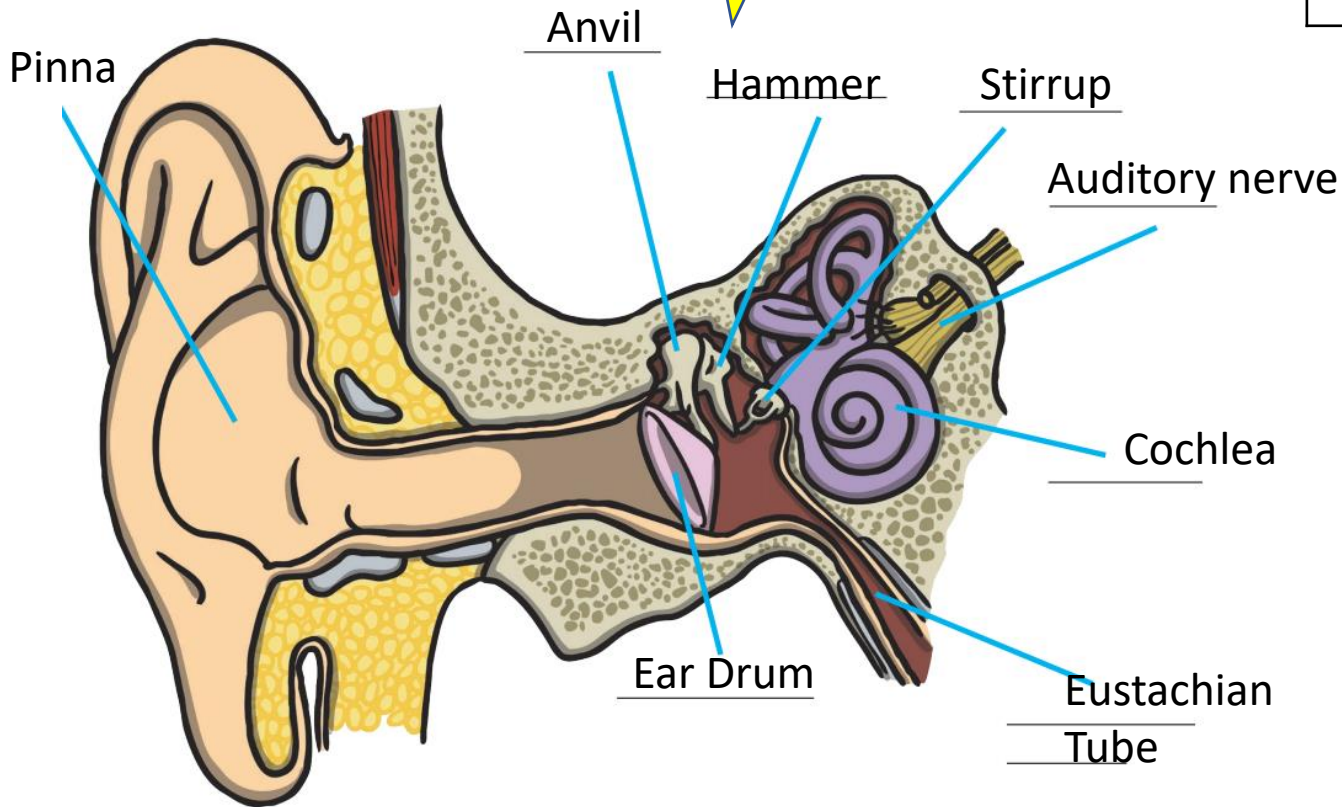


The sound moves through the air until it makes particles in your ear vibrate.

# Sound



Sound can move through solids, liquids and gases. It moves best through solids as the particles are close together. Test this by putting your ear on a table and tapping the table.



## Pitch – how high or low a sound is

High Pitch	Low Pitch
High pitched sounds are made by fast vibrations.	Slow vibrations make a low pitch
Smaller, thinner, shorter or tighter objects make high pitched sounds	Low pitches are made by larger, thicker, looser objects.

- **Volume** means how loud something is.
- The bigger the vibration = the **louder** the sound.
- Bang, blow, hit or pluck something harder to make it louder.
- Volume gets **quieter** the further we move away from the thing making the sound.