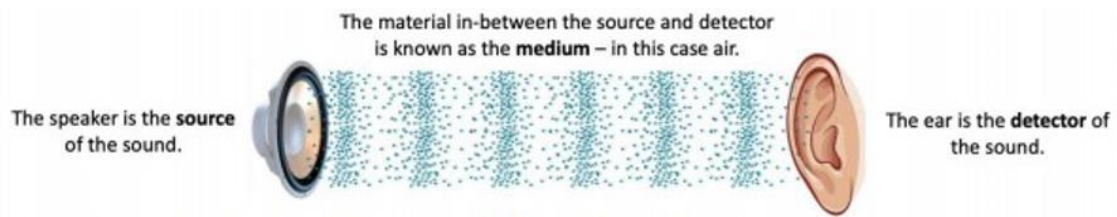


# Sound Knowledge Organiser

Sound is caused by a vibration- this is a back and forth motion that repeats.

Look at the diagram below, the speaker vibrates, which causes the air particles near it to vibrate. The vibration is passed on from particle to particle until parts of the ear vibrate. The vibration is passed on from particle to particle until parts of the ear vibrate. When parts of your ear vibrate, you will hear the sound.



Sound can be described in terms of pitch and volume:

- Pitch tells us how high or low the sound is. The higher the pitch of the sound, the faster the vibration is.
- Volume tells us how loud or quiet the sound is. We measure volume in decibels (DB). Louder sounds have more energy, so the louder the sound the bigger the vibration is.

