

Y4 Science: Sound



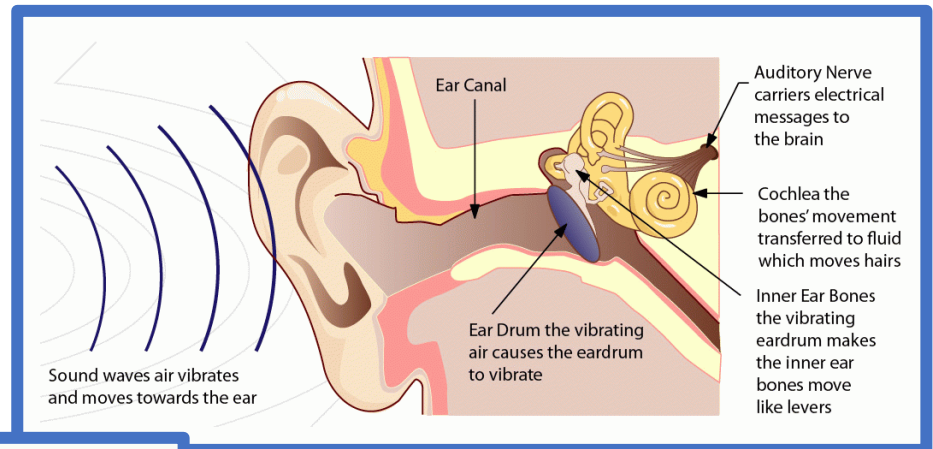
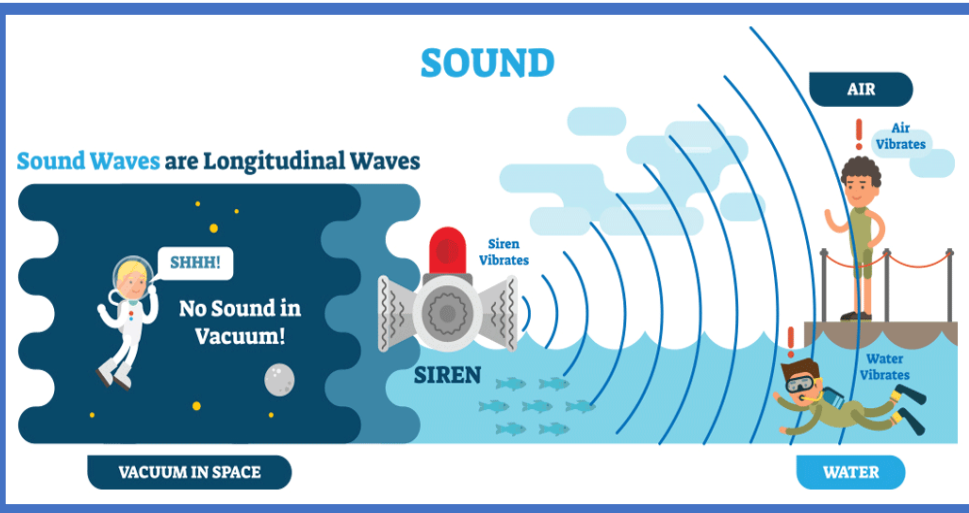
What I remember from Y1:

– Humans have the sense of hearing, using their ears.

A **sound source** produces **vibrations** which **travel** through a medium from the source to our ears.

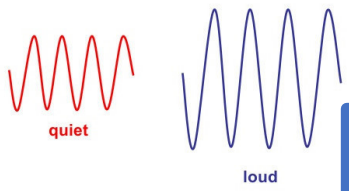


A **sound insulator** is a material which blocks sound effectively.



volume

The loudness of a sound increases with the amplitude of the sound wave.



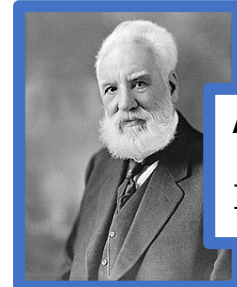
Sounds get quieter as you get further away from the **source**.

pitch

Depending on wave frequency we hear either high or low sounds.



The bigger the vibrations, the **louder** the sound.



Alexander Graham Bell
1847-1922
Invented the telephone.