

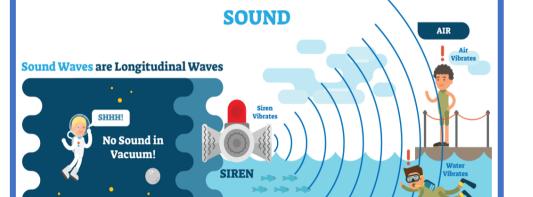
What I remember from Y1:

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

Y4 Science: Sound

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





Amso

A sound insulator is a material which blocks sound effectively.

volume

VACUUM IN SPACE

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





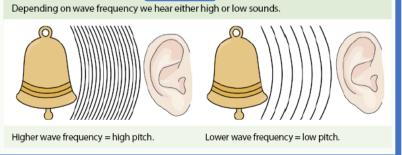
Sounds get quieter as you get further away from the source.

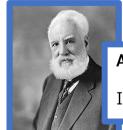


Auditory Nerve Ear Canal carriers electrical messages to the brain Cochlea the bones' movement transferred to fluid which moves hairs Inner Ear Bones the vibrating Ear Drum the vibrating eardrum makes air causes the eardrum the inner ear Sound waves air vibrates bones move and moves towards the ear like levers

WATER

The bigger the vibrations, the louder the sound.





Alexander Graham Bell 1847-1922 Invented the telephone.