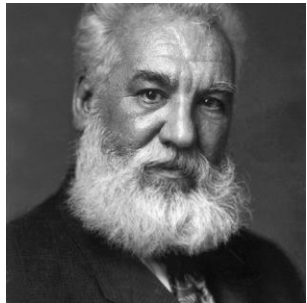
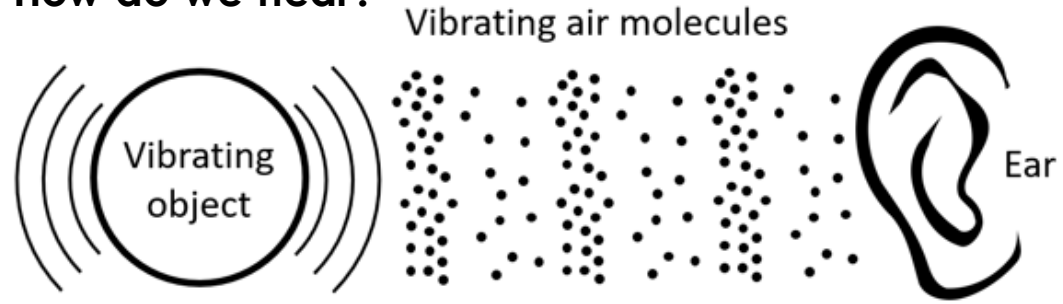


Year 4 Sound

How do we hear?



Alexander Graham Bell
A Scottish man credited with the invention of the first telephone.

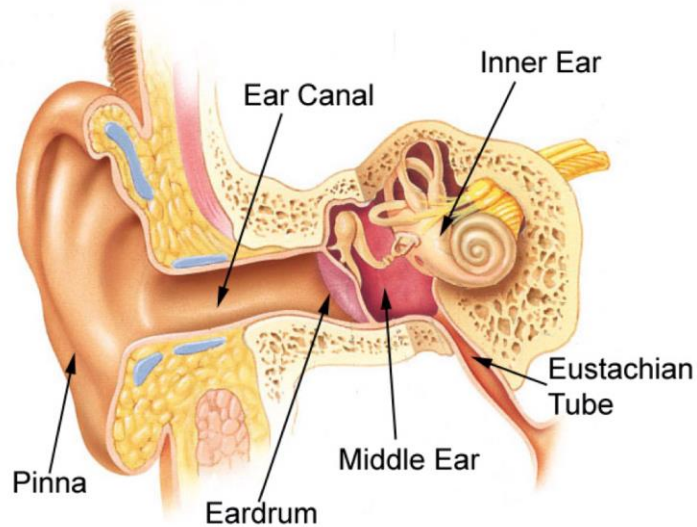
Pitch describes how high or low a sound is

The thicker the guitar string, the lower the pitch.

The tighter the drum skin, the higher the pitch.

The longer the guitar string, the lower the pitch.

This block contains five illustrations with speech bubbles explaining factors that affect pitch. From left to right: a girl with glasses says 'The thicker the guitar string, the lower the pitch.'; a guitar; a boy with glasses says 'The tighter the drum skin, the higher the pitch.'; a drum; and a boy with glasses says 'The longer the guitar string, the lower the pitch.'



Insulate

Amplify



As it gets **closer**, the volume **increases** and as it drives **away**, the volume **decreases**.



Sticky Knowledge

- Know how sound travels from a source to our ears.
- Know how sound is made associating some of them with vibrating.
- Know the correlation between the volume of a sound and the strength of the vibrations that produced it.
- Know what happens to a sound as it travels away from its source.