



Topic	Sound	Year/s	3/4	Term	Spring
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What I should know already

Sound has not been taught before.

I should know about working scientifically:



Research



Observation



Fair testing



Identifying, grouping and classifying



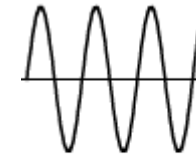
Problem solving



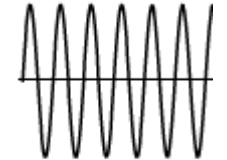
Pattern seeking

Important facts

- Sound is a vibration that moves through the air.
- Sound cannot travel through space.
- The loudest natural sound on Earth is that of an erupting volcano.

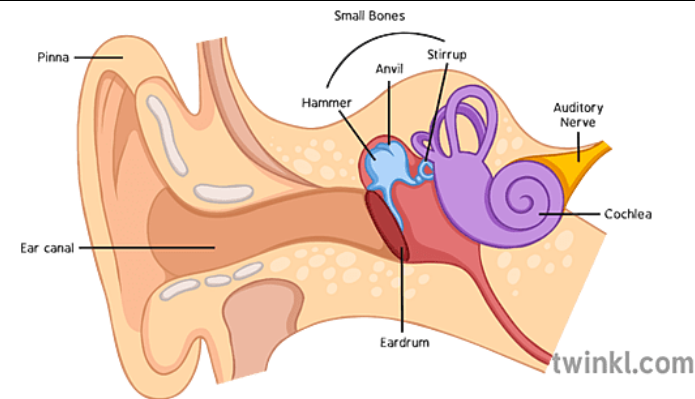


Lower Pitch



Higher Pitch

Key knowledge/diagrams



Vocabulary

Vibrations	A quick forward and backwards move-
Amplifier	Something that increases the volume of a sound.
Pitch	How high or low a sound is.
Ear drum	Tight, stretched skin in the ear that vibrates when sound hits it.
Ear canal	The passageway from the outer ear to the inner ear.
Outer ear/Pinna	The part of the ear you can see that collects sound waves.

What I should know by then end of this unit

- I can describe how sound is made.
- I can explain how sound travels from a source to our ears.
- I can explain the place of vibration in hearing.
- I can explore the correlation between pitch and the object producing a sound.
- I can explore the correlation between the volume of a sound and the strength of the vibrations that produced it.
- I can describe what happens to a sound as it travels away from its source.