## nustem



#### Sound box

#### Contents



#### 4x Life Size Human Ear Model

Contains: removable eardrum, hammer and anvil and 2 part labyrinth with stirrup, cochlea and balance nerve. Key provided.



Sound muffling and insulation boxes.

Designed for use in experiments on how well different materials muffle sound. Providing a constant fixed sound, it's perfect for fair test experiments. Add cotton wool or any other materials to show the effect they have on sound travel. Comes with inbuilt buzzer and switch.



Decimeter Handheld Sound Meter

Easy to use electronic meter ideal for investigating how sounds get fainter as the distance from the sound source increases. It has a background noise absorber to filter ambient sounds and a max min record and max hold function.



Set of 10 tuning forks

Use to demonstrate how sounds are made, how vibrations produce sound and the relationship between frequency and wavelength.



Slinkies

Use to model the way sound waves move through materials. Can this QR code for an explanation.





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2 sets of tin can telephones

Use to demonstrate how sound waves travel through materials.



Scan the QR code for more information, curriculum links and activities related to this box.

### **Books for this topic**



