nustem

Sound box

Contents	
	**4x Life Size Human Ear Model** Look closely at the outer, inner and middle ear with this 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.
	**Set of 13 boomwhackers** Investigate how the boomwhackers make a noise and how the different lengths of the tubes change the sounds created.

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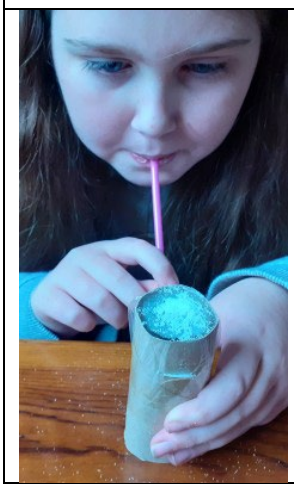
Slinkies

Use to model the way sound waves move through materials. For an explanation, go to:

https://www.scienceworld.ca/resource/modelling-sound-wave/

2 sets of tin can telephones

Use to demonstrate how sound waves travel through materials.

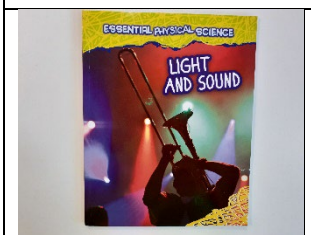


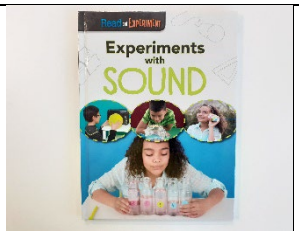
See the sound waves made by your voice by making this simple tonoscope:

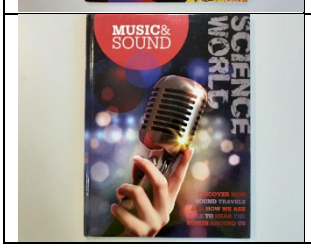
https://nustem.uk/activity/make-a-tonoscope/

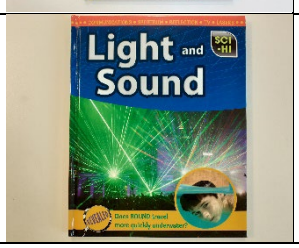
You will need a tube, plastic bag, some sugar or salt and a straw to investigate how sound waves work.

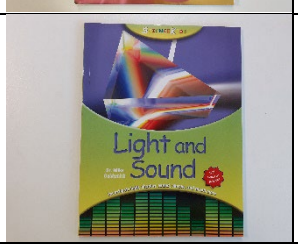
Books for this topic

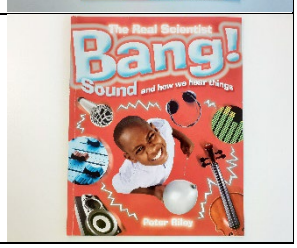












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