

Science Focus:	<b>Sound</b>	Year - 4
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## (Key Vocabulary / Spellings)

Spelling		Definition/Sentence
vibration	tone	ear-drum
outer ear	Auditory nerve	amplify
auditory canal	cochlea	pitch
volume	Sound proof	

## What ? (Key Knowledge)

### Investigate sound and hearing

How are sounds made?	Sounds are usually made by something vibrating. There are changes in pitch and tone when changes are made to features of the object making sound.
How do we hear sound?	Sound waves travel to our ear and an incredible process allows us to hear the vibrations as sounds. Our ear channels the sound into our Auditory canal and to our eardrum, the cochlea then sends signal to our brain through our auditory nerve.
How are sounds amplified?	Some materials make sound louder or amplify sounds others insulate sound so they deaden the sound. Instruments have sound boxes to make the sounds louder.

