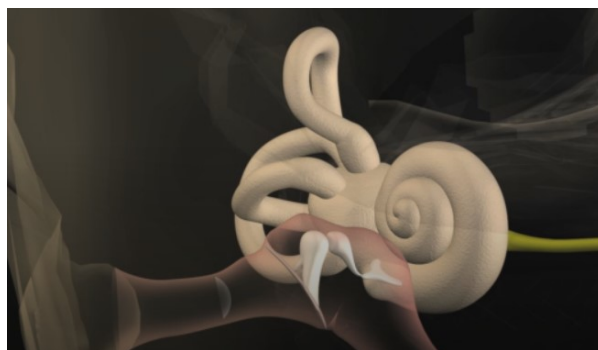


# Switched on — Year 4 — Autumn 1



1. High Loud Continuous	2. High Loud Regular repeating	3. High Quiet Continuous	4. Low Quiet Regular repeating	5. Low Loud Continuous	6. Low Loud Regular repeating	7. High Quiet Continuous	8. Low Loud Regular repeating
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Distance from source (metres)	Sound level
0	
10	
20	
30	
40	

## Vocabulary

1	Vibrate	Move continuously and rapidly to and fro.
2	Particles	A minute portion of matter.
3	Pitch	The quality of a sound governed by the rate of vibrations producing it; the degree of highness or lowness of a tone.
4	Taut	Stretched or pulled tight; not slack.
5	Echo	A sound or sounds caused by the reflection of sound waves from a surface back to the listener.
6	Quiet	Making little or no noise.
7	Loud	Producing or capable of producing much noise.
8	High	If an object moves back and forth quickly, it will cause a high pitch sound.
9	Low	If an object moves back and forth slowly, it will cause a low pitch sound.
10	Compression wave	A shock wave that compresses the medium through which it is transmitted.