



Science  
Knowledge Organiser

Sound

Physics



What should I know already

- Hearing is one of my five senses.
- Sounds can be combined using musical instruments.
- What the word vibration means.

Vocabulary

vibration	invisible waves that move quickly
pitch	how high or low a sound is
volume	how loud or quiet a sound is
source	where something comes from
frequency	a measure of how often something occurs
sound waves	invisible waves that travel through air, water, and solid objects as vibrations
decibel	a measure of how loud a sound is
travel	how something moves around

By the end of the unit, I will know:

1. Sounds are caused by vibrations.
2. When sound waves hit the ear, the ear drum vibrates.
3. Sounds are measured in decibels
4. The pitch describes how high or low a sound is.
5. The volume describes how loud or quiet a sound is.
6. The more energy used to create a sound, the louder the sound will be.
7. The sound gets fainter as the distance from the sound source increases.

