



# Sound

## **Big Question**



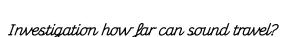
Is there a pattern between the pitch of a sound and features of the object that produced it.



How is sound heard? How do the vibration migrate through a medium to the ear?



Is there a pattern between the volume of a sound and the strength of the vibrations that produce the sound?





Can I investigate the different ways that pitch and volume of sounds can be changed?

Is there a pattern between pitch of sounds and object features that produce the sound?

What materials are the best insulators of sound? Can I make a simple set of ear muffs to investigate sound insulation?

### Assessment Question / Task

Can I draw a diagram to explain how sound travels, explaining how volume can change?

#### Key Vocabulary

#### I will use

particle, vibration, percussion instrument, wind instrument, string instrument, frequency, volume, pitch, vacuum, bass, tune, sound source, fainter, muffle

#### What to revisit?

Properties of materials—Year 2

Vertical Threads

Navigation