



Sound



How are sounds made
what is meant by vibration?



How is sound heard? How do the vi-
bration migrate through a medium to
the ear?



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



Is there a pattern between the volume
of a sound and the strength of the vi-
brations that produce the sound?



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



Big Question



Is there a pattern between the pitch of a
sound and features of the object that pro-
duced it.

Investigation how far can sound travel?



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 ex-
plain how sound travels, ex-
plaining how volume can
change?

Key Vocabulary

I will use

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

What to revisit?

Properties of materials—Year 2

Vertical Threads

Navigation