

Sound

What I will learn.

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| <ul style="list-style-type: none"> • How sound travels. • How we hear sounds. • How the pitch of sound changes. • How the volume of sound changes. | <ul style="list-style-type: none"> • Make observations. • Ask questions and make scientific enquiries to answer them. • Make predictions. • Complete practical enquiries. • Gather and record data in a variety of ways. |
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Vocabulary

Tier 2 multiple meaning or high frequency		Tier 3 subjective specific	
volume	How loud or quiet the sound is	particles	Tiny bits of matter that make up everything in the universe
loud	Lots of sound	decibel (dB)	Unit used to measure how loud a sound is
soft	Quiet, gentle sound	sensor	A device which detects or measures a physical property and records, indicates, or otherwise responds to it
high	Shrill, squeaky sound	outer ear	Part of the ear that you can see
low	Deep sound	auditory canal	Leads from the outer ear to the ear-drum
pitch	The highness or lowness of a sound	ear-drum	Part of the inside of the ear that vibrates in response to sound waves
increase	To go up		
decrease	To go down		
transmit	To cause something to pass on from one person, place or thing to another		
vibration (vibrate)	To move continuously and quickly, to and fro		

What do we know already?

What do we want to find out or learn about?








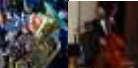

Sound

What I will learn:







- Make systemic and careful observations over time
- Identify differences and similarities in the properties or behaviour of different states of matter

Vocabulary

Tier 2 multiple meaning or high frequency

 volume	How loud or quiet the sound is	What pitch is that note? pitch	The highness or lowness of a sound
 loud	Lots of sound	 increase	To go up
 soft	Quiet, gentle sound	 decrease	To go down
 high	Shrill, squeaky sound	 transmit	To cause something to pass on from one person, place or thing to another
 low	Deep sound	 vibration (vibrate)	To move continuously and quickly, to and fro

Tier 3 subjective specific

 particles	Tiny bits of matter that make up everything in the universe	 outer ear	Part of the ear that you can see
 decibel (dB)	Unit used to measure how loud a sound is	 auditory canal	Leads from the outer ear to the ear-drum
 sensor	A device which detects or measures a physical property and records, indicates, or otherwise responds to it	 ear-drum	Part of the inside of the ear that vibrates in response to sound waves

What do we know already?

What do we want to find out or learn about?