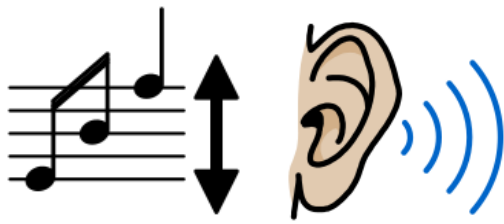
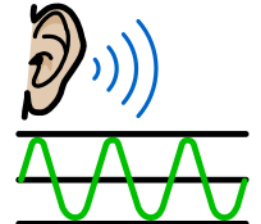


Sound



Science
Term 3

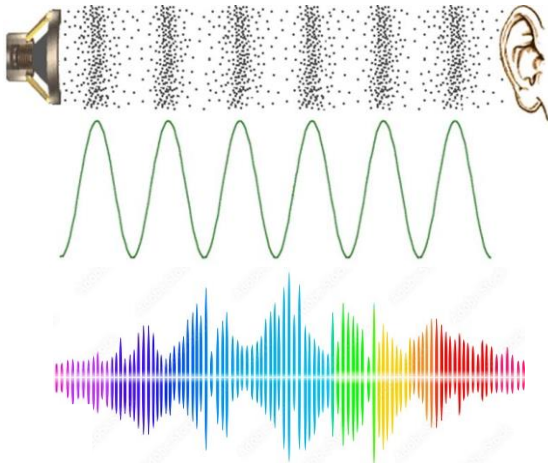


What should I already know?

- Sound is linked to sense of hearing.
- Different objects make different sounds.
- Sound comes from different directions based on its source.

What am I going to learn? (Sticky knowledge)

- To know how sounds are made, associating some of them with something vibrating.
- To know that vibrations from sounds travel through a medium to the ear.
- To know that patterns can be made between the pitch of a sound and features of the object that produced it.
- To be able to find patterns between the volume of a sound and the strength of the vibrations that produced it.
- To know that sounds get fainter as the distance from the sound source increases.
- To know how sound is made through vibrations and how pitch and volume can be manipulated.



Vocabulary

distance	A measurement of length between two points.	patterns	A repeated sequence of sound.		
vibrations	A quick movement back and forth.	sound wave	Vibrations travelling from a sound source.	sound	Sound is a type of energy caused by vibrations.
ear	Part of the body that allows us to hear sound.	amplitude	The size of a vibration. A larger amplitude = a larger sound.	frequency	The speed of the vibrations.
pitch	How low or high a sound is.	particles	Solids, liquids and gases are made up of particles. They are so small that we are unable to see them.	loud/quiet	The louder the sound, the bigger the vibration.
volume	The loudness of a sound.	absorb sound	To take in sound energy. Absorbent materials are able to muffle sounds.		