

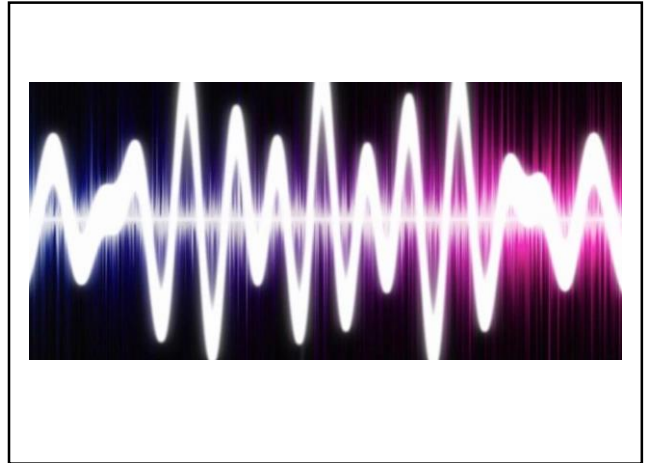
Science Knowledge Organiser

Term 2 Year 3/4 – Sound

Key Enquiry Question: Do sounds get fainter as the distance from the sound source increases?

National Curriculum Objectives:

- Identify how sounds are made, associating some of them with something vibrating
- Recognise that vibrations from sounds travel through a medium to the ear
- Find patterns between the pitch of a sound and features of the object that produced it
- Find patterns between the volume of a sound and the strength of the vibrations that produced it
- recognise that sounds get fainter as the distance from the sound source increases



Key vocabulary

Word	Meaning
Vibration	When something moves up or down, backwards and forwards or from side to side quickly.
Sound	Continuous and regular vibrations that travel through the air and can be heard when they reach the ear.
Volume	How loud a sound is.
Pitch	How high or low a note is.
Sound source	Something that makes a sound.
Decibels (dB)	A unit used to measure the intensity of a sound.

Sticky Knowledge

Sounds are made through vibrations.

The bigger vibration the louder the noise, the smaller the vibration the quieter the noise.

The volume of the sound becomes fainter.

The sound pitches change according to the thickness of the band.

Sound can travel through materials.