

# Progression: Sound



## Year 4:

- 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

## Working Scientifically

- asking relevant questions and using different types of scientific enquiries to answer them
- setting up simple practical enquiries and fair tests
- gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- using results to draw simple conclusions.

## Link to Teacher Assessment Framework

- Use the idea that sounds are associated with vibrations, and that they require a medium to travel through, to explain how sounds are made and heard.

## Recap

**Vocabulary:** Volume, Vibration, Wave, Pitch, Tone, Speaker

**Working scientifically vocabulary:** scientific enquiry, fair test, careful observation, accurate measurements, data (gather, record), record (labelled diagrams, bar charts, tables), oral and written explanations, conclusions, predictions, differences, similarities, evidence, construct, interpret