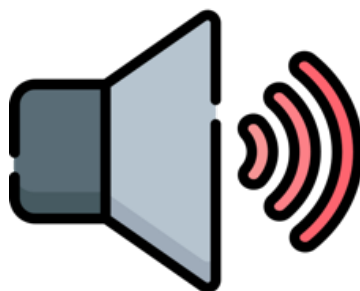


Sound



Concepts		Core Vocabulary			
Environment	System	Vibration	Volume	Pitch	Amplitude

A great Scientist...

- develops scientific knowledge and conceptual understanding through all aspects of science.
- develops understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them.
- is equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

Science Knowledge

I can identify how sounds are made, associating some of them with something vibrating.

I recognise that vibrations from sounds travel through a medium to the ear.

I can find patterns between the pitch of a sound and the features of the object that produced it.

I can find patterns between the volume of a sound and the strength of the vibrations that produced it.

I recognise that sounds get fainter as the distance from the sound increases.

Science Skills

I make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.

I can set up simple practical enquiries, comparative and fair tests.

I can use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.

I record findings using simple scientific language, drawings, labelled diagrams, bar charts, and tables.

