

Sound



Prior Learning	
<p>This unit will build on the knowledge and skills learned in KS1</p> <p>Prior learning will be knowledge and understanding of how sounds are made and how they travel to your ear. We will also be applying the knowledge of pitch and volume learned in music to this science unit.</p>	
Key vocabulary for this unit	
Pitch Volume Vibrations Particles Soundproofing Solids	Gases Absorb
Learning Sequence	
Good vibrations	<ul style="list-style-type: none"> To identify how sounds are made, associating some of them with something vibrating.
Hearing Sounds	<ul style="list-style-type: none"> To recognise that vibrations from sounds travel through a medium to the ear. To find patterns between the volume of a sound and the strength of the vibrations that produced it.
Higher and Lower	<ul style="list-style-type: none"> To find patterns between the pitch of a sound and features of the object that produced it.
String Telephone	<ul style="list-style-type: none"> To recognise that sounds get fainter as the distance from the sound source increases.
Soundproofing	<ul style="list-style-type: none"> To investigate the best material for absorbing sound.
Making Music	<ul style="list-style-type: none"> To make a musical instrument which plays different sounds and explain how it works.
Alexander Graham Bell	<ul style="list-style-type: none"> To recognise that vibrations from sounds travel through a medium to the ear in the context of Alexander Graham Bell's invention of the telephone. To describe Alexander Graham Bell and his inventions. To report on findings, including oral and written presentations and displays in the context of Alexander Graham Bell's invention of the telephone. To present my findings about Alexander Graham Bell.
Assessment milestones	

Working Scientifically:

- To make and explain predictions.
- To make, record and use scientific language to explain observations and findings.

Scientific Knowledge:

- To explain how sound sources vibrate to make sounds and how these change in relation to volume and pitch.
- To explain how sounds travel to reach our ears.