

WEEK	TOPIC	OBJECTIVES
13	How sound travels	<p>To understand that vibrations cause sounds.</p> <p>To understand that sound travels because vibrations travel.</p> <p>To understand which factors cause louder and softer sounds.</p>
14	Sound – volume	<p>To understand what steps are necessary to create louder and softer sounds.</p> <p>To recognise that sound is measured in units called decibels (dB).</p> <p>To learn how to block sounds.</p>
15	Sound – changing pitch	<p>To understand which vibrations cause different pitches in sounds.</p> <p>To create instruments that make different pitches.</p>
16	Sound – pitch on percussion and woodwind instruments	<p>To investigate different drums and rattles for pitch.</p> <p>To learn how wind instruments are played at different pitches.</p> <p>To investigate pitch in musical instruments.</p>
17	Sound travels through materials	<p>To understand that sound travels better through certain materials than the air.</p> <p>To consider variables which could make a difference to a sound.</p>
18	Sound travels through materials	<p>To understand that sound travels better through certain materials better than the air.</p>

19	States of matter – solids, liquids and gases	<p>To understand the three states of matter.</p> <p>To understand that certain types of matter have different phases.</p>
20	Melting, freezing and boiling	<p>To experience matter in three states: solid, liquid and gas.</p>
21	Melting solids and boiling points	<p>To understand how different solids can become liquid when heat is applied.</p> <p>To understand that different solids take different lengths of time to melt into a liquid state.</p>
22	Earth and Sun	<p>To ask scientific questions which provoke us to find evidence.</p> <p>To understand that the Earth rotates on an axis, as well as orbiting the Sun.</p>
23	Earth and sun	<p>To describe the movement of the Earth, and other planets, relative to the Sun in the solar system.</p> <p>To understand the Sun, Earth and Moon as approximately spherical bodies.</p> <p>To prove that the Earth is round.</p> <p>To establish the difference between planets and stars.</p> <p>To investigate the Solar System.</p>
24	Earth, sun and moon	<p>To understand how the Earth and Moon move in relation to the Sun.</p> <p>To understand how the Earth rotates on its axis, but the Moon does not rotate.</p> <p>To understand the term 'orbit'.</p> <p>To understand how the moon is seen in phases, and to name and describe these phases.</p>