

<b>National curriculum coverage</b>	
<ul style="list-style-type: none"> <li>• Comparing how different things move (forces)</li> <li>• Recognise that we need light in order to see things and that dark is the absence of light</li> <li>• Recognise that light from the sun can be dangerous and that there are ways to protect their eyes</li> <li>• Identify and compare the suitability of a variety of everyday materials for particular uses</li> <li>• Find out how the shapes of solid objects made from some materials can be changed</li> <li>• Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</li> <li>• Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</li> </ul>	
<b>Working Scientifically (KS1)</b>	
<ul style="list-style-type: none"> <li>• Asking simple questions and recognising that they can be answered in different ways</li> <li>• Observing closely using equipment</li> <li>• Performing simple tests</li> <li>• Using their observations and ideas to suggest answers to questions</li> <li>• Gathering and recording data to help in answering questions</li> </ul>	
<b>Session focus</b>	<b>Children will</b>
Session One; <b>Exploring forces</b>	<ul style="list-style-type: none"> <li>• Explore the different forces used in everyday life</li> <li>• Consider the different forces that are at work when something is made to move</li> <li>• Understand that the force propelling a rocket is a push</li> <li>• Explore and understand the forces at work when a rocket slows down or stops</li> </ul>
Session Two; <b>Making a rocket</b>	<ul style="list-style-type: none"> <li>• Make a rocket using everyday materials</li> <li>• Explore the different forces we use to make it move</li> </ul>
Session Three; <b>The sun as a source of light</b>	<ul style="list-style-type: none"> <li>• Explore the sun as a source of light</li> <li>• Understand that the sun is a star which is closest to earth</li> </ul>
Session four; <b>The best material to block out the sun</b>	<ul style="list-style-type: none"> <li>• Understand that materials are used for different purposes</li> <li>• Consider the sun as a valuable but also dangerous source of light</li> <li>• Understand the importance of protecting our eyes from the sun</li> <li>• Explore the best material that can be used to block out light</li> </ul>

Session five; <b>Exploring how materials change when they are heated/ cooled</b>	<ul style="list-style-type: none"><li>• Look at different materials that change when they are heated/ cooled</li><li>• Consider how they change their shape and use</li></ul>
Session six; <b>Astronaut food</b>	<ul style="list-style-type: none"><li>• Look at the different food astronauts eat; are they healthy? Do they provide astronauts with everything they need?</li><li>• Consider the different exercises astronauts do when they are in space to keep fit and healthy</li></ul>
Session seven; <b>Why could we not survive in space?</b>	<ul style="list-style-type: none"><li>• Consider all the different things we need to survive</li><li>• Look at what is absent in space</li><li>• How do astronauts survive?</li></ul>