
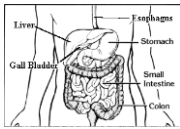








## Year 4 Science Implementation

These statements are used to assess the impact our teaching intention and the progress of children during their learning journey.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme	 <p>Teeth and Nutrition</p>	 <p>Skeleton and Digestion</p>	 <p>Light and Shadows</p>	 <p>Rocks and Soils</p>	 <p>Space</p>	 <p>Plants</p>
	<p>I can explain why looking after your teeth is important.</p> <p>I can name different teeth types and their purposes.</p> <p>I can describe an <b>adequate</b> and <b>varied</b> diet.</p> <p>I can explain the importance of a <b>nutritious, balanced</b> diet.</p> <p>I can carry out an investigation relating to <b>diet</b>.</p> <p>I can explain how <b>nutrients, water</b> and <b>oxygen</b> are <b>transported</b> within animals and humans.</p> <p><b>incisor, canine, molar, healthy, unhealthy, plaque</b></p>	<p>I understand the purpose of the <b>skeleton</b>.</p> <p>I can describe and explain the skeletal system of a <b>human</b>.</p> <p>I understand the <b>function</b> of a skeleton.</p> <p>I can describe the <b>purpose</b> of the skeleton in humans and animals.</p> <p>I can describe and explain the <b>muscular</b> system of a human.</p> <p>I can identify parts of a <b>digestive</b> system.</p> <p><b>bones, support, movement, protection, muscle, joint,</b></p>	<p>I can describe what <b>dark</b> is (the absence of light).</p> <p>I can explain that <b>light</b> is <b>reflected</b> from a surface.</p> <p>I can show understanding of how a <b>shadow</b> is formed.</p> <p>I understand how the shadow shape can change.</p> <p>I can measure a shadow accurately.</p> <p>I can explain the <b>danger</b> of direct sunlight and describe how to keep protected.</p> <p><b>opaque, translucent, transparent, straight</b></p>	<p>I can describe how <b>fossils</b> are formed.</p> <p>I can describe how <b>soil</b> is made.</p> <p>I can describe and explain the difference between <b>sedimentary</b> and <b>igneous</b> rock.</p> <p>I can compare and group <b>rocks</b> based on their appearance and physical properties, giving a reason.</p> <p>I can <b>fair test</b> the <b>wearing</b> of rocks.</p> <p>I can describe the term <b>permeable</b>.</p> <p><b>metamorphic, texture, absorb</b></p>	<p>I understand how <b>night</b> and <b>day</b> occur.</p> <p>I understand how <b>gravity</b> acts upon objects.</p> <p>I know the <b>duration</b> of the <b>orbits</b> of the <b>earth</b> and <b>moon</b>.</p> <p>I can describe and explain the movement of the Moon relative to the Earth.</p> <p>I can compare the time of day at different places on Earth.</p> <p>I can describe and explain the movement of the Earth and other planets relative to the <b>Sun</b>.</p> <p><b>planet, planet names, axis</b></p>	<p>I can draw and label a <b>diagram</b> of a <b>plant</b>.</p> <p>I can explain how a plant grows and what it needs to <b>grow</b>.</p> <p>I can explain the <b>function</b> of each part of a plant.</p> <p>I can explore and describe the needs of different plants for survival.</p> <p>I can describe the function of different parts of flowering plants and trees.</p> <p>I can describe the plant <b>life cycle</b>, especially the importance of flowers.</p> <p><b>root, petal, stem, leaf, seed, bulb, blossom, nectar, stamen</b></p>