
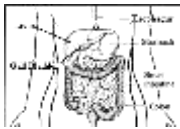








Year 3/4 Science Implementation

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

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y3/4 A	 <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. I can name different teeth types and their purposes. I can describe an adequate and varied diet. I can explain the importance of a nutritious, balanced diet. I can carry out an investigation relating to diet. I can explain how nutrients, water and oxygen are transported within animals and humans.</p> <p>incisor, canine, molar, healthy, unhealthy, plaque</p>	<p>I understand the purpose of the skeleton. I can describe and explain the skeletal system of a human. I understand the function of a skeleton. I can describe the purpose of the skeleton in humans and animals. I can describe and explain the muscular system of a human. I can identify parts of a digestive system.</p> <p>bones, support, movement, protection, muscle, joint,</p>	<p>I can describe what dark is (the absence of light). I can explain that light is reflected from a surface. I can show understanding of how a shadow is formed. I understand how the shadow shape can change. I can measure a shadow accurately. I can explain the danger of direct sunlight and describe how to keep protected.</p> <p>opaque, translucent, transparent, straight</p>	<p>I can describe how fossils are formed. I can describe how soil is made. I can describe and explain the difference between sedimentary and igneous rock. I can compare and group rocks based on their appearance and physical properties, giving a reason. I can fair test the wearing of rocks. I can describe the term permeable.</p> <p>metamorphic, texture, absorb</p>	<p>I understand how night and day occur. I understand how gravity acts upon objects. I know the duration of the orbits of the earth and moon. I can describe and explain the movement of the Moon relative to the Earth. I can compare the time of day at different places on Earth. I can describe and explain the movement of the Earth and other planets relative to the Sun.</p> <p>planet, planet names, axis</p>	<p>I can draw and label a diagram of a plant. I can explain how a plant grows and what it needs to grow. I can explain the function of each part of a plant. I can explore and describe the needs of different plants for survival. I can describe the function of different parts of flowing plants and trees. I can describe the plant life cycle, especially the importance of flowers.</p> <p>root, petal, stem, leaf, seed, bulb, blossom, nectar, stamen</p>