

## KS1 Science Cycle B

Scientific Enquiry	<p>SE1: Explore the world around them and raise their own simple questions.</p> <p>SE2: Experience different types of science enquires, including practical activities.</p> <p>SE3: Being to recognise different ways in which they might answer scientific questions.</p> <p>SE4: Carry out simple tests.</p> <p>SE5: Use simple features to compare objects, materials and living things and, with help, decide how to sort and group them (identifying and classifying).</p> <p>SE6: Ask people questions and use simple secondary sources to find answers.</p> <p>SE7: Observe closely using simple equipment with help, observe changes over time.</p> <p>SE8: With guidance, they should begin to notice patterns and relationships.</p> <p>SE9: Use simple measurements and equipment (e.g. hand lenses, egg timers) to gather data.</p> <p>SE10: Record simple data.</p> <p>SE11: Use their observations and idea to suggest answers to questions.</p> <p>SE12: Talk about what they have found out and how they found it out.</p> <p>SE13: With help, they should record and communicate their findings in a range of ways and begin to use simple scientific language.</p>
Chemistry	<p><b>Materials</b></p> <p>C1: Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</p> <p>C2: Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p> <p>C3: Observe and describe weather associated with the seasons and how day length varies. (e.g. best materials to make a weather station, best material to wear in different weathers)</p>
Biology	<p><b>Animals, including Humans</b></p> <p>B1: Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</p> <p>B2: Notice that animals, including humans, have offspring which grow into adults</p> <p>B3: Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</p> <p>B4: Identify and name a variety of common animals that are carnivores, herbivores and omnivores</p> <p><b>Living Things and their habitats</b></p> <p>B5: Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other</p> <p>B6: Identify and name a variety of plants and animals in their habitats, including micro-habitats</p> <p>B7: Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.</p> <p><b>Plants</b></p> <p>B8: Observe and describe how seeds and bulbs grow into mature plants</p> <p>B9: Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p> <p>B10: Observe changes across the four seasons with plants each term)</p> <p><b>Seasons</b></p> <p>B11: Observe changes across the seasons (e.g. what do animals do and how do their habitats change throughout the year)</p>