

HIGH LITTLETON CHURCH OF ENGLAND PRIMARY SCHOOL
SCIENCE MEDIUM TERM PLAN TERM 1
2022 - 2023

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Hedgehog Autumn and Winter	<p>To recognise changes to the natural environment that happen in autumn.</p> <p>To observe changes across the seasons.</p> <p>To name the seasons and their order.</p> <p>To link the months of the year to the relevant season.</p> <p>To identify characteristics of each season.</p>	<p>To observe shadows.</p> <p>To measure and record shadows over the course of a day.</p> <p>To describe how shadows change in shape and size over the course of a day.</p> <p>To create a timeline of a day between sunrise and sunset.</p> <p>To relate the apparent position of the Sun to the time of day.</p> <p>To relate shadow size to time of day.</p> <p>To observe and identify differences between day and night.</p> <p>To compare light and dark in summer and autumn evenings.</p>	<p>To consider how to measure rainfall accurately.</p> <p>To record rainfall on a regular basis using a rain gauge.</p> <p>To observe signs of wind and identify differing wind strengths.</p> <p>To create a weather vane.</p> <p>To identify which way the wind is blowing from the evidence of their weather vane.</p>	<p>To carry out an investigation into temperatures indoors and outdoors.</p> <p>To make simple temperature recordings.</p> <p>To identify some nocturnal animals and consider why they are nocturnal.</p> <p>To observe the leaves of some deciduous trees.</p>	<p>To compare weather between the different seasons.</p> <p>To explain why specific clothing is suited to different seasons.</p> <p>To consider how animals cope with cold winter weather.</p> <p>To investigate the concept of bird/animal migration.</p>	<p>To observe seasonal changes in the park.</p> <p>To observe one tree in detail.</p> <p>To identify the characteristics of an evergreen tree.</p>	POP task
Fox	<p>To revise the names of common materials, such as <i>wood, plastic, glass,</i></p>	<p>To understand and recognise the wide range of different</p>	<p>To know that clothes are made from lots of</p>	<p>To consider materials that help us keep warm.</p>	<p>To know how soil is useful.</p> <p>To know that</p>	<p>To understand that some materials are</p>	POP task

Deer Animals, including Humans	<p>To introduce the idea of a more detailed classification system.</p> <p>To know how to place organisms into one of the five kingdoms.</p> <p>To learn about the development of microscopes and research of cells.</p>	<p>To learn about bacteria.</p> <p>To understand the role of protists in food webs.</p> <p>To learn about yeast.</p>	<p>To learn about responses in controlling the spread of a virus.</p> <p>To be able to classify vertebrates and invertebrates based upon their characteristics.</p>	<p>To review ideas about fossil formation and adaptation to habitats.</p> <p>To consider issues of difference between people with sensitivity.</p> <p>To find out about the life and work of Mary Anning.</p>	<p>To recognise a fossil and know that fossils can provide evidence of soft remains and of footprints.</p> <p>To consider why humans walk on two legs.</p> <p>To understand that changes in the environment can cause some groups of living things to become extinct.</p>	<p>To consider how animals have adapted to their environment.</p> <p>To understand that animals are in competition for resources.</p> <p>To use results of games that model competition to make inferences about competition in the wild.</p>	POP task
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