

## Long Term Plan: Science Key Stage 1 / Year 1



Autumn	Spring	Summer
<p><b>Seasonal Changes and Weather: Summer and Autumn in Hillingdon</b></p> <p>As we move from the Summer to Autumn pupils learn about the different seasons. They learn outside, in the school playground, school field and local parks and observe the changes taking place in our own community: the change in weather; the change in the length of the day and the change in deciduous trees in comparison to evergreen trees. Pupils learn about how animals behave in the different seasons and landscapes.</p>	<p><b>Seasonal Changes and Weather: Winter in Hillingdon</b></p> <p>Pupils build on the previous term's work and learn about Winter. They take the opportunity to learn outside and observe for themselves the change in Winter weather, particularly the change in the length of the day and the change in the appearance of some trees. They learn that some animals have to adapt; they hibernate and migrate to find a safe home. Pupils discuss the features of a safe home for animals and compare this with what humans need in a safe home.</p>	<p><b>Plants in my home, school, Hillingdon and beyond.</b></p> <p>Pupils continue to learn outside and study plants in more detail particularly the common wild plants, garden plants and trees in our community and especially those in our school orchard. Pupils learn to identify them and name them and find out more about their structure. They grow their own plant from a seed and have to nurture it to keep it alive, growing and healthy.</p>
<p><b>Everyday materials: The clothes I wear during the different seasons.</b></p> <p>While learning about the changes that happen during the four seasons pupils start to learn about the different properties of materials. Pupils investigate what materials are used to make clothes that they wear. They explain why different clothes are worn and how the properties of the different materials help them to keep warm or cool throughout the different seasons and weather. Pupils will investigate materials used around their school and will learn to distinguish</p>	<p><b>Animals, including humans</b></p> <p>This is always a popular topic with pupils as they are given the opportunity to talk about their pets and favourite animals. Pupils start to learn about classification by comparing animals and sorting them according to key characteristics: fish, amphibians, reptiles, birds and mammals. They have fun grouping dinosaurs into two groups of carnivores and herbivores. Pupils learn that humans are mammals. They learn about the structure of common animals: feet, legs, claws, fins etc. They identify, name and draw parts of the</p>	<p><b>Seasonal Changes and Weather: Spring and Summer in Hillingdon</b></p> <p>Pupils build on their prior knowledge of seasons. They continue to observe the changes in weather and how this impacts on the clothes that they wear and the places that they visit. Pupils look at the amount of rainfall during Spring and Summer and how to stay safe in the Summer sun. The changes in weather allow pupils to observe first hand, discuss and record the changes. This may include heatwaves and thunderstorms in Summer.</p>

between an item and the material from which it is made.

human body and say which part of the body is associated with each sense: smell, taste, touch, hearing and sight.