



Peel Hall Primary School Science Year 2 Overview

National Curriculum Working Scientifically KS1	Peel Hall Specific Working Scientifically Year 2				
<ul style="list-style-type: none"> Ask simple questions and recognise that they can be answered in different ways. Observe closely, using simple equipment Perform simple tests Identify and classify Use observations and ideas to suggest answers to questions Gather and record data to help answer questions. 	Planning	Investigating and Observing	Identifying, Classifying and Recording	Concluding	Evaluating
	<ul style="list-style-type: none"> Ask simple scientific questions using simple scientific language. Know that questions can be answered or investigated in different ways. Use simple secondary sources such as age appropriate books and video clips to find the answers to questions. Explore the world around them and raise their own questions. 	<ul style="list-style-type: none"> Do things in the correct order when performing a simple test. Use simple equipment to observe and take measurements in a simple test. Begin to measure with timers, rulers and scales using standard measures (cm, m, g). Observe something closely using magnifying glasses, cameras and video equipment and describe changes over time. 	<ul style="list-style-type: none"> Decide how to group objects, materials and living things whilst beginning to notice patterns and changes over time. Gather and record data in tally charts, bar charts, Venn and Carroll diagrams and talk about their findings using simple scientific vocabulary. 	<ul style="list-style-type: none"> Use simple scientific language (from the Y2 programme of study) to explain what they have found out to answer questions 	
Plants			Animals including Humans		
<ul style="list-style-type: none"> Observe and describe how seeds and bulbs grow into mature plants Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy 	<ul style="list-style-type: none"> Notice that animals, including humans, have offspring which grow into adults. Find out and describe the basic needs of animals, including humans for survival (water, food and air) Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. 				
Uses of Everyday Materials	Living Things and their Habitats				
<ul style="list-style-type: none"> Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Find out how the shape of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. 	<ul style="list-style-type: none"> Explore and compare the difference between things that are living, dead and things that have never been alive 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. Identify and name a variety of plants and animals in their habitats, including micro habitats 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. 				