

Crawley Ridge Infant School Science Whole School Overview 2022-2023

	Autumn1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	<p>Understanding the World</p> <ul style="list-style-type: none"> Explore the natural world around them Describe what they see, hear and feel whilst outside. Recognise some environments that are different from the one in which they live. Understand the effect of changing seasons on the natural world around them. ELG - Explore the natural world around them, making observations and drawing pictures of animals and plants ELG - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. <p>Personal, Social, Emotional Development</p> <ul style="list-style-type: none"> Know and talk about the different factors that support their overall health and wellbeing: <ul style="list-style-type: none"> regular physical activity healthy eating tooth brushing sensible amounts of 'screen time' having a good sleep routine being a safe pedestrian ELG - Manage their own basic hygiene and personal needs, including dressing, going to the toilet, and understanding the importance of healthy food choices. 					
	<p>Animals Including Humans (B) 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>Seasonal Changes (P) Pupils observe changes across the four seasons Pupils observe and describe weather associated with the seasons and how day length varies. Plants (B) Pupils identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</p>	<p>Materials (C) Pupils distinguish between an object and the material from which it is made Pupils identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock Pupils describe the simple physical properties of a variety of everyday materials</p>	<p>Materials (C) Pupils describe the simple physical properties of a variety of everyday materials Pupils compare and group together a variety of everyday materials on the basis of their simple physical properties Seasonal Changes (P) Pupils observe changes across the four seasons British Science Week (10-19 March 2023) – Connections</p>	<p>Plants (B) Pupils identify and name a variety of common wild and garden plants, including deciduous and evergreen trees Pupils identify and describe the basic structure of a variety of common flowering plants, including trees.</p>	<p>Animals Including Humans (B) Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals Identify and name a variety of common animals that are carnivores, herbivores and omnivores Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets) Seasonal Changes (P) Pupils observe changes across the four seasons</p>
Year One	<p>Living Things and their Habitats (B) Explore and compare the differences between things that are living, dead, and things that have never been alive Animals Including Humans (B) Notice that animals, including humans, have offspring which grow into adults. Find out about the basic needs of animals, including humans, Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p>	<p>Uses of Everyday Materials (C) Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for different uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</p>	<p>Living Things and their Habitats (B) 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 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>Uses of Everyday Materials (C) Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for different uses British Science Week (10-19 March 2023) - Connections</p>	<p>Plants (B) Observe and describe how bulbs grow into mature plants Observe and describe how seeds grow into mature plants Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p>	<p>Living Things and their Habitats (B) Identify and name a variety of plants and animals in their habitats, including microhabitats Animals including Humans (B) Notice that animals, including humans, have offspring which grow into adults.</p>
Year Two	<p>Working Scientifically</p> <ul style="list-style-type: none"> asking simple questions and recognising that they can be answered in different ways observing closely, using simple equipment performing simple tests identifying and classifying using their observations and ideas to suggest answers to questions gathering and recording data to help in answering questions. 					