



EYFS progression - links to Science

Relevant Early Learning Goals	KS1 National Curriculum Objective - Science
<p>Understanding the World: The Natural World</p> <ul style="list-style-type: none"> • Explore the natural world around them, making observations and drawing pictures of animals and plants. • Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 	<p>Working Scientifically During year 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content.</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. <p>Plants</p> <ul style="list-style-type: none"> • Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. • Identify and describe the basic structure of a variety of common flowering plants, including trees. <p>Animals, Including Humans</p> <ul style="list-style-type: none"> • 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 common animals (fish, amphibians, reptiles, birds and mammals, including pets.) • 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>Everyday Materials</p> <ul style="list-style-type: none"> • Distinguish between an object and the material from which it is made. • Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock. • Describe the simple physical properties of a variety of everyday materials. • Compare and group together a variety of everyday materials on the basis of their simple physical properties. <p>Seasonal Change</p> <ul style="list-style-type: none"> • Observe changes across the four seasons. • Observe and describe weather associated with the seasons and how day length varies. • Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key. • Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment

Understanding the World - specific

Skill	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
The Natural World	<p>To ask questions about the natural environment.</p> <p>To respect and care for the natural environments</p>	<p>To know about and recognise the signs of Autumn</p> <p>To know about features of the world and Earth</p>	<p>To know about and recognise the signs of Winter</p> <p>To know some important processes and changes in the natural world including states of matter</p>	<p>To know about and recognise the signs of Spring</p> <p>To know about features of my own immediate environment and how they might vary from another</p> <p>To plant seeds</p>	<p>To observe the growth of seeds and talk about changes</p> <p>To know how to care for growing plants</p> <p>To learn about life cycles of plants and animals</p> <p>To know categories of different animals</p> <p>To know about different habitats</p> <p>Recognise some similarities and differences between life in this country and life in other countries</p>	<p>To know about and recognise the signs of Summer</p> <p>To know that some things in the world are man-made and some things are natural</p> <p>To harvest grown fruit and vegetables</p> <p>To identify animals from around and know basic information about them (e.g. where they live)</p> <p>Know some similarities and differences between the natural world around them and contrasting environments</p>
Early Learning Goals	<p>Children at the expected level of development will:</p> <ul style="list-style-type: none"> • Explore the natural world around them, making observations and drawing pictures of animals and plants; • Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 					