

























## Colourful Semantics Planning Support

SCIENCE (Plants, Animals & Humans)		
	Objective	Supporting Colourful Semantics Coding
<b>EYFS (3 &amp; 4 year-olds)</b>	Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things.	     
<b>EYFS (Reception)</b>	Describe what they see, hear and feel whilst outside.	    
<b>Year 1  Animals, Including Humans</b>	<p>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> <p>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/ 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>	    
<b>Year 2  Animals, Including Humans</b>	<p>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.</p> <p>Notice that animals, including humans, have offspring which grow into adults ♣ find out about 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.</p>	    

<p><b>Year 3</b></p> <p><b>Animals, Including Humans</b></p>	<p>Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers ♣ explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant/explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</p> <p>Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat ♣ identify that humans and some other animals have skeletons and muscles for support, protection and movement.</p>	
<p><b>Year 4</b></p> <p><b>Animals, Including Humans</b></p>	<p>Describe the simple functions of the basic parts of the digestive system in humans ♣ identify the different types of teeth in humans and their simple functions ♣ construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	
<p><b>Year 5</b></p> <p><b>Living Things &amp; Their Habitats</b></p>	<p>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird ♣ describe the life process of reproduction in some plants and animals/ describe the changes as humans develop to old age.</p>	
<p><b>Year 6</b></p> <p><b>Living Things &amp; Their Habitats</b></p>	<p>Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals/ give reasons for classifying plants and animals based on specific characteristics/identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood ♣ recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function ♣ describe the ways in which nutrients and water are transported within animals, including humans.</p>	