

## Year 1 and 2 National Curriculum Science Objectives

Seasonal Change (Year 1)	Seasonal Change (Year 1)	Plants (Year 1/2)
Observe changes across four seasons.	Observe changes across four seasons.	Identify and name common wild garden plants including deciduous and evergreen trees.
Observe and describe weather associated with the seasons and how day length varies.	Observe and describe weather associated with the seasons and how day length varies.	Identify the basic structure of a variety of common flowering plants, including trees.
Everyday Materials (Year 1/2)	Animals including Humans (Year 1/2)	Observe and describe how seeds and bulbs grow into mature plants.
Distinguish between an object and the material from which it's made.	Identify, name, draw and label the basic parts of the human body and say which part is associated with which sense.	Find out and describe how plants need water, light and suitable temperature to grow and stay healthy.
Identify and name a variety of everyday materials including wood, metal, glass, plastic, water and rock.	Notice that animals, including humans have offspring which grow into adults.	<b>Animals including Humans (Year 1/2)</b> Identify and name common animals including fish, amphibians, reptiles, birds and mammals.
Describe the simple physical properties of a variety of everyday materials.	Find out about and describe the basic needs of animals, including humans, for survival. (water, food and air.)	
Compare and group together materials based on their physical properties.	Describe the importance for humans to exercise, eat the right amounts of different types of food and hygiene.	Identify and name a variety of animals that are carnivores, herbivores and omnivores.
Identify and compare the suitability of everyday materials for particular uses.		Describe and compare the basic structure of a variety of common animals.
Find out how the shapes of solid objects can be changed by bending, squashing, twisting and stretching.	<b>Working Scientifically: (Same objectives used for investigations for each topic area.)</b> Can you...	
Living Things and Habitats (Year 2)	<ul style="list-style-type: none"> <li>ask simple scientific questions and recognise that they can be answered in different ways through investigating these questions?</li> <li>observe things closely, using simple equipment?</li> <li>perform simple tests when investigating?</li> </ul>	
Explore and compare the differences between things that are living, dead and things that have never been alive.	<ul style="list-style-type: none"> <li>identify and classify different things involved in the investigation?</li> <li>gather and record data to help answer questions?</li> <li>use observations as well as your own ideas and knowledge to suggest answers to questions?</li> </ul>	
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 animals and plants.		
Identify and name a variety of plants and animals in their habitats including micro-habitats.		