

KS1 Long Term Plans - Science

NC Objectives from: **Year 1** **Year 2**

Year A

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<u>Animals</u> <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 a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets) 	<u>Plants</u> <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 common flowering plants, including trees. 	<u>Seasonal changes</u> <ul style="list-style-type: none"> observe and describe weather associated with the seasons and how day length varies discuss extreme weathers around the world. 	<u>Uses of everyday materials</u> <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. identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses 	<u>Living things</u> <ul style="list-style-type: none"> explore and compare the differences between things that are living, dead, and things that have never been alive 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. 	<u>Health (Link to Healthy week PSHE)</u> <ul style="list-style-type: none"> how to make simple choices that improve their health and wellbeing to maintain personal hygiene how some diseases spread and can be controlled about the process of growing from young to old and how people's needs change the names of the main parts of the body that all household products, including medicines, can be harmful if not used properly describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
Cross Curricular	Growing salad leaves	Extreme weathers (Geography link to hot and cold places)		Food chains (topic link)	

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NC Objectives from: **Year 1** **Year 2**

Year B

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<u>Animals</u> <ul style="list-style-type: none"> identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. 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) 	<u>Plants</u> <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. 	Working Scientifically linked to topic or questions the children have created. <ul style="list-style-type: none"> Comparative and Fair testing Pattern Seeking Identifying, Grouping and Classifying Researching using secondary sources Observing over time 	<u>Uses of everyday materials</u> <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. find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. 	<u>Living things</u> <ul style="list-style-type: none"> 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. 	<u>Health (Link to Healthy week PSHE)</u> <ul style="list-style-type: none"> how to make simple choices that improve their health and wellbeing to maintain personal hygiene how some diseases spread and can be controlled about the process of growing from young to old and how people's needs change the names of the main parts of the body that all household products, including medicines, can be harmful if not used properly describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
Cross Curricular					