

Long Term Overview KS1 Science

Unit Title	Animals Including Humans	Seasons: Autumn and Winter	Everyday Materials	Seasons: Spring and Summer	Plants	Scientists and Inventors
Term	Autumn (1)	Autumn (2)	Spring (1)	Spring (2)	Summer (1)	Summer (2)
No. Wks	7 Weeks	8 Weeks	6 Weeks	6 Weeks	5 Weeks	6 Weeks
Overview Year 1	<ul style="list-style-type: none"> I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. I can identify and name a variety of common animals that are carnivores, herbivores and omnivores. I can describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets) I can identify, name, draw and label the basic parts of the human body I can identify which part of the human body is associated with which sense. I can label the joints in the body and know that they allow us to move I can name some of the organs in the body and know what they do 	<ul style="list-style-type: none"> I can name the four seasons I can observe changes across the four seasons and discuss what happens I can discuss the differences between the seasons I can observe and describe the weather associated with the seasons I can discuss how the amount of daylight we have changes depending on the season I can talk about what different animals do in each season 	<ul style="list-style-type: none"> I can name objects made of wood, plastic, glass, metal, water and rock I can distinguish between an object and the material from which it is made. I can identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock I can describe simple physical properties of a variety of everyday materials. I can compare and group together a variety of everyday materials on the basis of their simple physical properties I can describe how objects are made from materials because of their specific properties 	<ul style="list-style-type: none"> I can name the four seasons I can observe changes across the four seasons and discuss what happens I can discuss the differences between the seasons I can observe and describe the weather associated with the seasons I can discuss how the amount of daylight we have changes depending on the season I can talk about what different animals do in each season 	<ul style="list-style-type: none"> I can identify and name a variety of common and wild garden plants I can identify and name deciduous and evergreen trees I can identify and describe the basic structure of a variety of common flowering plants including trees I can label parts of flowers, plants and trees I can name what plants need to be able to grow 	<ul style="list-style-type: none"> I can set up a simple test I can measure and record the time taken for ice to melt I can sort objects into groups I can generate questions about the rainforest I can sort rainforest animals into groups I can ask questions about endangered animals
Visits/ Visitors						

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Unit Title	Animals Including Humans	Use of Everyday Materials	Living Things and their Habitats	Environment	Plants	Scientists and Inventors
Term	Autumn (1)	Autumn (2)	Spring (1)	Spring (2)	Summer (1)	Summer (2)
No. Wks	7 Weeks	8 Weeks	6 Weeks	6 Weeks	5 Weeks	6 Weeks
Overview Year 2	<ul style="list-style-type: none"> I can name different types of animals I can notice that animals including humans, have offspring which grow into adults I can identify the names of different types of animal babies I can find out about and describe the basic needs of animals, including humans, for survival (including water, food and air) I can describe the importance for humans of exercise, eating the right amounts of different types of food and hygiene I know that humans need to be clean and healthy I can discuss what happens when humans don't eat the right foods, exercise or keep clean 	<ul style="list-style-type: none"> I can identify different materials I can name objects made of different materials I can identify where a material has been used to make different objects I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. I can name pushing, pulling, squashing, bending, twisting and stretching as forces I know that when a force is applied an object or material might change I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending twisting and stretching I can discuss why materials are unsuitable for certain tasks and objects 	<ul style="list-style-type: none"> I can name things that are living, things that are dead and things that have never been alive I can explore and compare the differences between things that are living, dead and things that have never been alive I can identify that most living things live in habitats to which they are suited I can describe how different habitats provide for the basic needs of different kinds of animals and plants I know how plants and animals depend on each other I can identify and name a variety of plants and animals in their habitats, including micro habitats I can 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. 	<ul style="list-style-type: none"> I can set up a simple test I can measure and record the time taken for ice to melt I can sort objects into groups I can generate questions about the rainforest I can sort rainforest animals into groups I can ask questions about endangered animals 	<ul style="list-style-type: none"> I can plant a seed or bulb correctly I can observe and describe how seeds and bulbs grow into mature plants I can place their plant in the best position to grow I can compare how plants are growing I can describe what happens when plants do not get light, water or warmth I can identify when the plant has fully grown I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy 	<ul style="list-style-type: none">
	Visits/ Visitors					



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