

Key stage 1

	Year 1	Year 2
Autumn 1	Plants *1 lesson observing Autumn	Plants
Concepts and skills taught:	<ul style="list-style-type: none"> Identify and name common wild and garden plants (including deciduous and evergreen) Identify and describe basic structure of a variety of common flowering plants 	<ul style="list-style-type: none"> Observe and describe how seeds and bulbs grow Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy
Autumn 2	Working Scientifically *1 lesson observing Winter	Animals and Humans
Concepts and skills taught:	<ul style="list-style-type: none"> observe changes across the 4 seasons observe and describe weather associated with the seasons and how day length varies 	<ul style="list-style-type: none"> 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
Spring 1	Materials- Everyday Materials	Materials- Uses of Materials
Concepts and skills taught:	<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 	<ul style="list-style-type: none"> identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

Key stage 1

	<p>materials, including wood, plastic, glass, metal, water, and rock</p> <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching
Spring 2	<p>Animals including Humans</p> <p>*1 lesson observing Spring</p>	Working Scientifically
Concepts and skills taught:	<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) identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense 	<ul style="list-style-type: none"> Identify and name common wild and garden plants (including trees and vegetable) Identify and describe basic structure of a variety of common flowering plants (parts of flowers, seed and how they get around)
Summer 1	Light and Dark	Electricity
Concepts and Skills taught	<ul style="list-style-type: none"> investigate how your senses can help you see in the dark identify sources of light classify natural light and man-made light. explain why certain sources of light are used (purpose) compare different sources of light. explain night and day 	<ul style="list-style-type: none"> understand that electricity is a power source classify electrical appliances into mains and battery electricity understand how and why to keep safe around electricity create a working circuit recognise the purpose of a switch in a circuit. understand why you need a complete

Key stage 1

	<ul style="list-style-type: none"> • identify nocturnal animals • observe reflections and explain why reflections happen. • investigate what objects light can travel through 	<ul style="list-style-type: none"> • circuit to create an output • investigate materials that are conductors and insulators
Summer 2	Seasonal Changes	Living things and their habitats
Concepts and Skills taught:	<ul style="list-style-type: none"> • observe changes across the 4 seasons • observe and describe weather associated with the seasons and how day length varies 	<ul style="list-style-type: none"> • explore and compare the differences between things that are living, dead, and things that have never been alive • 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 microhabitats • 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