

NATIONAL CURRICULUM OVERVIEW

SCIENCE

	Science KS1 NC Objectives	Unity in the Community	Happily Ever After	Light Up the World
Living Things and Their Habitats	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 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.			
Plants	Identify and name a variety of common plants, including garden plants, wild plants and trees, and those classified as deciduous and evergreen			
	Identify and describe the basic structure of a variety of common flowering plants, including roots, stem/trunk, leaves and flowers			
	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			

	Science KS1 NC Objectives	Land Ahoy!	Come Fly With Me! Arctic Circle
Everyday Materials	Compare and group together a variety of everyday materials on the basis of their simple physical properties		
	Distinguish between an object and the material from which it is made		
	Identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick/rock, and paper/cardboard		
	Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock		
	Know and describe the simple physical properties of a variety of everyday materials		
	Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching		
Seasonal Changes	Observe changes across the four seasons		
	Observe and describe weather associated with the seasons and how day length varies		



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	Science KS1 NC Objectives	Unity in the Community	Going Wild!	Happily Ever After
Animals, Including Humans	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.			
	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 (birds, fish, amphibians, reptiles, mammals and invertebrates, and 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.			
	Notice that animals, including humans, have offspring which grow into adults			

	Science LKS2 NC Objectives	Land Ahoy!	Light Up the World	Going Wild!
Sound	Identify how sounds are made, associating some of them with something vibrating			
	Recognise that sounds get fainter as the distance from the sound source increases			
Forces and Magnets	Compare how things move on different surfaces			
Light	Recognise that they need light in order to see things and that dark is the absence of light			
	Recognise that light from the sun can be dangerous and that there are ways to protect their eyes			
	Recognise that shadows are formed when the light from a light source is blocked by a solid object			
Living Things and Their Habitats	Recognise that environments are constantly changing and that this can sometimes pose dangers to specific habitats			

