



The Federation of Holy Trinity Church of England Schools Science National Curriculum Coverage



KS1		Happily Ever After	Inter-Nation Media Station	Unity in the Community	'Land Ahoy	Royal Patrons'	Dancing Spy'	Never Eat Shredded Wheat'	Paddington's Passport'	'Children's Champion'	Record Breaker'	Light Up the World'	'Going Wild!'	'Come Fly With Me!'	'Zero to Hero'	PSHE
National Curriculum Objectives Pupils should be taught to																
Plants	identify a variety of common wild and garden plants, including deciduous and evergreen trees															
	identify and describe the basic structure of a variety of common flowering plants															
	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															
Animals, Including Humans	identify and name a variety of common animals including birds, fish, amphibians, reptiles 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															
	notice that humans and other animals can produce offspring and that these offspring can grow into adults															



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	find out about the basic needs of animals, as well as humans, for survival (which are food, water and air)																
	describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene																
Everyday Materials	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 how the simple physical properties of a variety of everyday materials vary																
	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																
	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 four seasons and how day length varies																



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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 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																
Light (LKS2)	recognise that shadows are formed when the light from a light source is blocked by a solid object																
	recognise that light from the Sun can be dangerous and that there are ways to protect their eyes																
	recognise that we need light in order to see things and that dark is the absence of light																
Sound (LKS2)	recognise that sounds get fainter as the distance from the sound source increases																
Living Things and Their	recognise that environments can change and																



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Habitats (LKS2)	that this can sometimes pose dangers to living things																
Electricity (LKS2)	construct a simple series electrical circuit identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers																
	recognise that a switch opens and closes and circuit																
Forces and Magnets (LKS2)	compare how things move on different surfaces																