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	KS2														/ith															
	onal Curriculum Objectives should be taught	"That's All, Folks!"	'Lightning Speed'	'Mission Control'	'A World of Bright Ideas'	'Athens v Sparta'	'Law and Order'	'You're Not Invited'	'Wars of the World'	'Lindow Man'	'Viking Warrior'	'Fighting Footballer'	'True Crime'	'Rocky the Finosaur'	'May the Force Be With You'	'Go With The Flow'	'In Your Element'	'Out and About'	'Saxon King'	'Pharaoh Queen'	'Time Team'	Under the Canopy'	'Picture Our Planet'	'Global Warning'	'Full of Beans'	'Come Fly With Me!'	'Cry Freedom'	'Come Fly With Me!'	'I Have a Dream'	PSHE Unit
Living Things and Their Habitats	describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird																													
	describe the life process of reproduction in some plants and animals																													
	describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals																													
	give reasons for classifying plants and animals based on specific characteristics																													
Animals, Including Humans	describe the changes as humans develop to old age																													
	identify and name the main parts of the human circulatory system, and describe the																													







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	function of the heart, blood vessels and blood															
	describe the ways in which nutrients and water are transported within animals,															
	including humans recognise the impact of diet, exercise, drugs and lifestyle on the way															
Properties	their bodies function compare and group															
and Changes	together everyday materials on the basis of their properties,															
Materials	including their hardness, solubility, transparency, conductivity (electrical and thermal), and															
	response to magnets know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution															
	use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating															
	give reasons, based on evidence from															







	comparative and fair															
	tests, for the particular															
	uses of everyday															
	materials, including															
	metals, wood and plastic															
	demonstrate that															
	dissolving, mixing and															
	changes of state are															
	reversible changes															
	explain that some															
	changes result in the															
	formation of new															
	materials, and that this															
	kind of change is not															
	usually reversible,															
	including changes															
	associated with burning															
	and the action of acid on															
	bicarbonate of soda															
Earth and	describe the movement															
Space	of the earth and other															
1	planets relative to the sun															
	in the solar system															
	describe the movement															
	of the moon relative															
	to the Earth															
	describe the Sun, Earth															
	and Moon as															
	approximately spherical															
	bodies															
	use the idea of the Earth's															
	rotation to explain															
	day and night and the															
	apparent movement of															
1	the sun across the sky															







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Forces	explain that unsupported																			i
	objects fall towards																			
	the Earth because of the																			, ,
!	force of gravity acting																			,
!	between the Earth and																			
!	the falling object																			
	identify the effects of air																			,
	resistance, water																			,
	resistance and friction,																			,
!	that act between																			
	moving surfaces																			,
	recognise some																			
!	mechanisms including																			
	levers, pulleys and gears																			
	allow a smaller force to																			
ļ	have a greater effect																			
Evolution	recognise that living																			
and	things have changed over																			
Inheritance	time and that fossils																			
	provide information																			,
	about living things that																			
	inhabited the Earth																			,
	millions of years ago																			
	recognise that living																			
	things produce offspring																			
	of the same kind, but																			,
	normally offspring vary																			,
	and are not identical to																			,
	their parents																			,
	identify how animals and																			
!	plants are adapted																			
['	to suit their environment																			
	in different ways																			
['	and that adaptation may																			
	lead to evolution																			







Light	recognise that light										7				
	appears to travel in														
	straight lines														
	use the idea that light														
	travels in straight lines to														
	explain that objects are														
	seen because they give														
	out or reflect light into														
	the eye														
	explain that we see														
	things because light														
	travels from light														
	sources to our eyes or														
	from light sources to														
	objects and then to our														
	eyes														
	use the idea that light														
	travels in straight lines to														
	explain why shadows														
	have the same shape as														
	the objects that cast														
	them														\bot
Electricity	associate the brightness														
	of a lamp or the														
	volume of a buzzer with														
	the number and														
	voltage of cells used in														
	the circuit														
	compare and give reasons														
	for variations in														
	how components														
	function, including the														
	brightness of bulbs, the														
	loudness of buzzers														







and the on / off position of switches														
use recognised symbols when representing a simple circuit in a diagram														

