



## The Federation of Holy Trinity Church of England Schools Science Upper KS2 National Curriculum Coverage



KS2 National Curriculum Objectives Pupils 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 Dinosaur'	'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	
<b>Living Things and Their Habitats</b>	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																														
<b>Animals, Including Humans</b>	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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<b>Light</b>	recognise that light 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																											
<b>Electricity</b>	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																											



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

