



The Federation of Holy Trinity Church of England Schools Science Lower 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 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
Plants	identify and describe the functions of different parts of flowering plants: roots, stem / trunk, leaves and flowers																													
	explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant																													
	investigate the way in which water is transported within																													
	explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal																													
Animals, Including Humans	identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat																													
	identify that humans and some other animals have skeletons and muscle for support, protection and movement																													
	describe the simple functions of the basic parts of the digestive system																													



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Forces and Magnets	compare how things move on different surfaces																												
	notice that some forces need contact between two objects and some forces act at a distance																												
	observe how magnets attract or repel each other and attract some materials and not others																												
	describe magnets as having two poles																												
	predict whether two magnets will attract or repel each other, depending on which poles are facing																												
	compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials																												
Living Things and Their Habitats	recognise that living things can be grouped in a variety of ways																												
	explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment																												
	recognise that environments can change																												



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	and that this can sometimes pose dangers to living things																										
States of Matter	compare and group materials together, according to whether they are solids, liquids or gases																										
	observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (o C)																										
	identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature																										
Sound	identify how sounds are made, associating some of them with something vibrating																										
	know that vibrations from sounds travel through a medium to the ear																										
	find patterns between the volume of a sound and the strength of the vibrations that produce it																										
	find patterns between the pitch of a sound and the																										



