

	Progression of Skills and Knowledge for Science									
	Working Scientifically									
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6				
Asking QuestionsAsking Questions-Answer 'how' and-Ask simple questions and recognise they can be'why' questions aboutanswered in different ways.their experiences andin response to storiesor events.or events.		Asking Questions -Ask relevant questions and use different types of scientific enquiries to answer them. -Set up simple practical enquiries, comparative and fair tests		Asking Questions -Plan different types of scientific enquiries to answer questions. -Recognise and control variables where necessary -Explore and talk about their ideas; asking their own questions about scientific phenomena.						
Monitoring and Recording -Make observations of animals and plants and explain why some things occur, and talk about changes.	Monitoring and Recordi -Observe closely, using s -Perform simple tests. -Gather and record data questions. *Identify and	imple equipment. to help in answering	-Make systematic and car -Take accurate measuren using a range of equipme data loggers). -Record findings using sin drawings, labelled diagran tables.	<ul> <li>-Record findings using simple scientific language,</li> <li>drawings, labelled diagrams, keys, bar charts and</li> <li>tables.</li> <li>-Gather, record, classify and present data</li> </ul>		cording asurements, using a range of it with increasing accuracy and gs when appropriate to esults of increasing complexity rams and labels, classification graphs, bar and line graphs.				
<b>Concluding</b> -Talk about the features of their own immediate environment and how environments might vary from one another.	<b>Concluding</b> -Use their observations answers to questions. -Use age-appropriate sc -Begin to notice pattern	ientific language	Concluding -Identify similarities, diffe simple scientific ideas and	erences or changes related to d processes. enquiries, including oral and plays or presentations of entific evidence to answer lings. Ily occurring s.	support or refute id -Report and presen including conclusion explanations of and oral and written for presentations. -Draw conclusions b and use their scient findings.	t findings from enquiries, ns, casual relationships and I degree of trust in results, in ms such as displays and other based on their data and ideas ific knowledge to explain their d pronounce scientific				



SCHOOL					observations, use ovider	co to justify their
Evelvetine.	Fuch setting		Fuchaeting		observations, use eviden	ce to justify their
Evaluating -Children know about similarities and differences in relation to places, objects, materials and living things.	Evaluating		<b>Evaluating</b> -Use results to draw simple co predictions for new values, su and raise further questions -Begin to recognise when and resources might help them to cannot be answered	ggest improvements how secondary answer questions that	<b>Evaluating</b> - Test results to make pre- comparative and fair test -Recognise that scientific develop over time.	
Related National Curriculum Objectives in italics:	can be answered in diffe -observing closely, using -performing simple tests -identifying and classifyin -using their observations answers to questions	simple equipment	through practical investigation -asking relevant questions and scientific enquiries to answer -setting up simple practical en and fair tests -making systematic and carefu where appropriate, taking acc using standard units, using a n including thermometers and o -gathering, recording, classify in a variety of ways to help in -recording findings using simp drawings, labelled diagrams, k tables -reporting on findings from en and written explanations, disp results and conclusions -using results to draw simple predictions for new values, su and raise further questions -identifying differences, similar related to simple scientific ide -using straightforward scientifi questions or to support their	d using different types of them quiries, comparative al observations and, curate measurements range of equipment, data loggers ing and presenting data answering questions ole scientific language, reys, bar charts, and equiries, including oral olays or presentations of conclusions, make aggest improvements arities or changes eas and processes fic evidence to answer	-planning different types answer questions, includ controlling variables whe -taking measurements, u equipment, with increasi precision, taking repeat r appropriate -recording data and resul complexity using scientifi classification keys, tables line graphs -using test results to mak further comparative and -reporting and presenting including conclusions, ca explanations of and a dep oral and written forms su presentations -identifying scientific evic used to support or refute	ing recognising and are necessary sing a range of scientific ng accuracy and readings when ts of increasing c diagrams and labels, , scatter graphs, bar and e predictions to set up fair tests g findings from enquiries, usal relationships and gree of trust in results, in ich as displays and other dence that has been
			Light and Sound	шиш <u></u> Бэ.		
	Voor 1	Veer 2		VeerA	Veer F	Veerf
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6



- CHOOP	Light	How Sound Is Made,	Light and How We See
	-	-	_
	0	Travels and Can Be	-Light travels in straight
		Changed	lines.
		-Sound travel can be	-Light reflects of all
	5	blocked.	objects (unless they
	<u> </u>	*Sound spreads out as	are black). Non- shiny
	things even shiny things.	it travels.	surfaces scatter the
	-	-Changing the shape,	light so we don't see a
	light through them and	size and material of an	single beam.
	opaque materials don't let	object will change the	-Animals see light
	light through.	sound it produces.	sources when light
	-Beams of light bounce off	-Sound is produced	travels from the source
	some materials (reflection).	when an object	into their eyes.
	-Shiny materials reflect	vibrates.	-Animals see objects
	light beams better than -	-Changing the way an	when light is reflected
	non-shiny materials -	object vibrates	off that object and
	recognise that they need	changes it's sound.	enters their eyes -
	light in order to see things	-Sound moves through	recognise that light
	and that dark is the	all materials by making	appears to travel in
		them vibrate.	straight lines
	-notice that light is	-Bigger vibrations	-use the idea that light
	reflected from surfaces	produce louder sounds	travels in straight lines
		and smaller vibrations	to explain that objects
	<b>.</b> .	produce quieter	are seen because they
		sounds.	give out or reflect light
	-	-Faster vibrations	into the eye
	, ,	(higher frequencies)	-explain that we see
	5	produce higher pitched	things because light
		soundsidentify how	travels from light
		sounds are made,	sources to our eyes or
		associating some of	from light sources to
		them with something	objects and then to our
		vibrating	eyes
		-recognise that	-use the idea that light
	-	vibrations from sounds	•
			travels in straight lines
			to explain why



SCHOOL			
		travel through a	shadows have the
		medium to the ear	same shape as the
		-find patterns between	objects that cast them.
		the pitch of a sound	
		and features of the	
		object that produced it	
		-find patterns between	
		the volume of a sound	
		and the strength of the	
		vibrations that	
		produced it	
		-recognise that sounds	
		get fainter as the	
		distance from the	
		sound source increases	
Related National	<ul> <li>recognise that they need</li> </ul>	identify how sounds	<ul> <li>recognise that light</li> </ul>
Curriculum Objectives	light in order to see	are made, associating	appears to travel in
in italics:	things and that dark is	some of them with	straight lines
	the absence of light	something vibrating	<ul> <li>use the idea that</li> </ul>
	<ul> <li>notice that light is</li> </ul>	<ul> <li>recognise that</li> </ul>	light travels in
	reflected from surfaces	vibrations from	straight lines to
	<ul> <li>recognise that light from</li> </ul>	sounds travel	explain that objects
	the sun can be dangerous	through a medium to	are seen because
	and that there are ways	the ear	they give out or
	to protect their eyes	<ul> <li>find patterns</li> </ul>	reflect light into the
	<ul> <li>recognise that shadows</li> </ul>	between the pitch of	eye
	are formed when the	a sound and features	explain that we see
	light from a light source	of the object that	things because light
	is blocked by an opaque	produced it	travels from light
	object	<ul> <li>find patterns</li> </ul>	sources to our eyes
	<ul> <li>find patterns in the way</li> </ul>	between the volume	or from light
	that the size of shadows	of a sound and the	sources to objects
	change	strength of the	and then to our
	chunge	vibrations that	eyes
		produced it	<ul> <li>use the idea that</li> </ul>
		F	light travels in
			ingrit travelo III



-schoot			Electricity	<ul> <li>recognise that sounds get fainter as the distance from the sound source increases.</li> </ul>		straight lines to explain why shadows have the same shape as the objects that cast them.
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
				Making Electrical Circuits Work -A source of electricity (mains or battery) is needed for electrical devices to work. - A complete circuit is needed for electricity to flow and devices to work. -Electricity sources push electricity round a circuit. -More batteries will push the electricity round the circuit faster. -Some materials allow electricity to flow easily and these are called conductors. Materials that don't allow electricity to flow		Controlling Electrical Circuits -Batteries are a store of energy. This energy pushes electricity round the circuit. When the battery's energy is gone it stops pushing. Voltage measures the 'push'. -Current is how much electricity is flowing round a circuit. -The greater the current flowing through a device the harder it works. -When current flows through wires heat is released. The greater the current the more heat is released.



SCHOOL		
	easily are called	
	insulators.	
	-Devices work harder	
	when more electricity	
	goes through them	
Related National	-identify common	<ul> <li>-associate the</li> </ul>
Curriculum Objectives	appliances that run	brightness of a lamp
in italics:	on electricity	or the volume of a
	-construct a simple	buzzer with the
	series electrical	number and voltage
	circuit, identifying	of cells used in the
	and naming its basic	circuit
	parts, including	<ul> <li>-compare and give</li> </ul>
	cells, wires, bulbs,	reasons for
	switches and	variations in how
	buzzers	components
	<ul> <li>-identify whether or</li> </ul>	function, including
	not a lamp will light	the brightness of
	in a simple series	bulbs, the loudness
	circuit, based on	of buzzers and the
	whether or not the	on/off position of
	lamp is part of a	switches
	complete loop with	<ul> <li>-use recognised</li> </ul>
	a battery	symbols when
		representing a
	-recognise that a     switch energy and	simple circuit in a
	switch opens and	-
	closes a circuit and	diagram
	associate this with	
	whether or not a	
	lamp lights in a	
	simple series circuit	
	<ul> <li>-recognise some</li> </ul>	
	common	
	conductors and	
	insulators, and	
	associate metals	



- CHOOL				with being good conductors						
	Earth and Space									
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5 Earth and Space -Stars, planets and moons have so much mass they attract other things, including each other due to a force called gravity. Gravity works over a distance. -Stars produce vast amounts of heat and light. All other objects are lumps of rock, metal or ice and can be seen because they reflect the light of stars. -Objects with larger masses exert bigger gravitational forces -Objects like planets, moons and stars spin -Smaller mass objects like planets orbit large mass objects like stars	Year 6				
Related National Curriculum Objectives in italics:					-describe the movement of the Earth and other planets relative to					



SCHOOL	I			1		1
					<ul> <li>the sun in the solar system</li> <li>-describe the movement of the moon relative to the Earth</li> <li>-describe the sun, Earth and moon as approximately spherical bodies</li> <li>-use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</li> </ul>	
					sky	
			Forces			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			Pushes, Pulls and Their Effects Magnets and Their Effects - Objects move in different ways; they roll, slide, bounce etc. -Forces change how things move. We can change the way an object moves by pushing or pulling them. Sometimes pushing and pulling slows things down,		Forces That Oppose Motion - Air resistance and water resistance are forces against motion caused by objects having to move air and water out of the way. -Friction is a force against motion caused by two surfaces rubbing against each	



SCHOOL		
	-Bigger pushes and pulls	them move; gears,
	have bigger effects.	pulley and levers can
	-Objects move differently	reduce the force
	on different surfaces	needed to make things
	-Rough surfaces create	move.
	friction and slow moving	
	objects down.	
	-Forces change shapes.	
	-Sometimes when an object	
	is pushed, pulled or twisted	
	it changes shape.	
	-Magnets exert attractive	
	forces on some materials.	
	-Magnets exert attractive	
	and repulsive forces on	
	each other.	
	-Magnets exert non-contact	
	forces, which work through	
	some materials.	
	-Magnetic forces are	
	affected by the magnets	
	strength.	
	-Magnetic forces are	
	affected by the mass of the	
	object being attracted.	
	-Magnetic forces	
	are affected by the distance	
	between magnet and	
	object.	
Related National	-compare how things	•-explain that
Curriculum Objectives	move on different	unsupported objects
in italics:	surfaces	fall towards the Earth
	<ul> <li>-notice that some</li> </ul>	because of the force
	forces need contact	of gravity acting
	between 2 objects, but	
	between 2 objects, but	



SCHOOL						
			<ul> <li>magnetic forces can act at a distance</li> <li>-observe how magnets attract or repel each other and attract some materials and not others</li> <li>-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</li> <li>-describe magnets as having 2 poles</li> <li>-predict whether 2 magnets will attract or repel each other, depending on which poles are facing</li> </ul>		between the Earth and the falling object - identify the effects of air resistance, water resistance and friction, that act between moving surfaces - recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect	
			Plants			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants	How Do Plants Grow?	Making New Plants	How Plants Make Their			
-They make	Plants include trees	-A seed produces roots	Food How Plants			
observations of animals	(deciduous and	to allow water to get	Reproduce			
and plants and explain	evergreen), flowers	into the plant and shoots	Plants make their own food			
why some things occur,	(wild and cultivated)	to produce leaves to	in their leaves to provide			
and talk about changes.	and hedges and	collects the sunlight.	them with energy, grow,			
-Children know about	bushes.	-All flowering plants	repair, and reproduce.			
similarities and	-Most plants usually	make seeds that can	-Leaves absorb sunlight and			
differences in relation	grow from seeds and	grow into new plants	carbon dioxide through			
to places, objects,	bulbs.		leaves.			



materials and living	-Plants need warmth,	-Sometimes the plant	-Plants have roots to		
hings.	light and water to grow	dies after it has	provide support and to		
	and survive	produced its seed and	draw moisture from the		
		sometimes the plant	soil, through stems to take		
		lives for many	water to the rest of the		
	Longitudinal Study	generations producing	plant.		
	-By growing	seeds each year.	-The plant makes its food		
	wildflowers, observe		from water and carbon		
	changes across the		dioxide, using sunlight as		
	four seasons.		energy, in the green parts		
	Observe and describe		of		
	weather associated		plants (mainly leaves)		
	with the seasons and		-Flowering plants have		
	how		evolved specific parts to		
	day length varies.		carry out pollination,		
			fertilisation and seed		
			growth.		
			-Seed dispersal improves		
			chances of enough seeds		
			germinating and growing to		
			mature plants and		
			reproducing.		
			-Seeds and bulbs need the		
			right conditions to		
			germinate. They contain a		
			food store for the first		
			stages of growth (i.e. until		
			the plant is able to produce		
			its own food)		
			Longitudinal Study		
			-Observe the lifecycles of		
			plants and how these are		
			associated with the		
			seasonal changes.		



Curriculum Objectives in italics:	<ul> <li>-identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</li> <li>-identify and describe the basic structure of a variety of common flowering plants, including trees</li> <li>-observe changes across the 4 seasons</li> <li>-observe and describe weather associated with the seasons and how day length varies</li> </ul>	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	<ul> <li>-identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers</li> <li>-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 plan</li> <li>-investigate the way in which water</li> <li>is transported within plants</li> <li>-explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal</li> </ul>	t		
		Ani	mals including Hum	ans		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
-They make	How Animals	Animal Lifecycles	Skeletons and	Digestion	Growth	Circulation; how
observations	Survive	-All animals eventually	Movement	Animals need a variety	-Humans development	nutrients get to where
of animals and	-There are many	die.	-Many animals have	of foods to help them	is in stages (baby,	they are needed in the
plants and	different animals	-Animals reproduce	skeletons to support	grow and survive.	child, teenager, adult,	body
explain why	with different	new animals when	their bodies and	-Different animals are	old age).	-Oxygen is breathed into
some things occur, and	characteristics	they reach maturity.	protect vital organs.	adapted to eat different	-During puberty	the lungs where it is
talk	-Animals need	-Animals grow until	-Muscles are	foods. Humans require a	humans experience	absorbed by the blood.
about changes.	food to survive	they reach maturity and	connected to bones and		changes.	-The heart pumps blood
-Children know		then don't grow	move them when		-Gestation periods are	around the body.

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about	(carnivores, omnivores	any larger.	they contract.	balanced diet to remain	different for different	-Muscles need oxygen
similarities and	and	-Life cycles vary	-Movable joints	healthy but healthy	animals.	to
differences in	herbivores).	between different	connect bones	diets		release the energy from
relation to	-Animals need a	animals		vary depending upon		food to do work:
places, objects,	variety of food to			the		Oxygen
materials and	help them grow,			type of activity that		is taken into the blood
living things.	repair their bodies,			humans do.		in
	be active and stay			-Animals have teeth to		the lungs, the heart
	healthy.			help them eat. Different		pumps blood through
	-Animals move in			types of teeth do		blood vessels to the
	order to survive.			different jobs.		muscles, the muscles
	-Exercise keeps			-Food is broken down by		take the oxygen and
	animal's bodies in			the teeth and further in		nutrients from the blood
	good condition			the stomach and		
	and increases			intestines where		
	survival chances.			nutrients go into the		
	-Animals have			blood. The blood takes		
	senses to help			nutrients around the		
	individuals survive.			body.		
	When animals			-Nutrients produced by		
	sense things they			plants move to primary		
	are able to			consumers then to		
	respond			secondary consumers		
				through food chains.		
Related National	• -identify and name a	• -notice that animals,	<ul> <li>-identify that</li> </ul>	• -describe the simple	• -describe the changes	<ul> <li>-identify and name</li> </ul>
Curriculum Objectives in	variety of common	including humans,	animals, including	functions of the	as humans develop	the main parts of the
italics:	animals including	have offspring which	humans, need the	basic parts of the	to old age	human circulatory
	fish, amphibians,	grow into adults	right types and	digestive system in		system, and
	reptiles, birds and	<ul> <li>-find out about and</li> </ul>	amount of nutrition,	humans		describe the
	mammals	describe the basic	and that they cannot	• -identify the		functions of the
	• -identify and name a	needs of animals,	make their own food;	different types of		heart, blood vessels
	variety of common	including humans,	they get nutrition	teeth in humans and		and blood
	animals that are	for survival (water,	from what they eat	their simple		<ul> <li>-recognise the</li> </ul>
	carnivores,	food and air)	<ul> <li>-identify that</li> </ul>	functions		impact of diet,
	herbivores and	• -describe the	humans and some	<ul> <li>-construct and</li> </ul>		exercise, drugs and
	omnivores -describe	importance for	other animals have	interpret a variety		



SCHOOL	<ul> <li>and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)</li> <li>-identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</li> </ul>	<ul> <li>humans of exercise, eating the</li> <li>right amounts of different types of food, and hygiene</li> <li>-identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</li> </ul>	skeletons and muscles for support, protection and movement	of food chains,identifying producers, predators and prey		lifestyle on the way their bodies function - describe the ways in which nutrients and water are transported within animals, including humans
		Evo	olution and Inherita	nce		
EVEC.	No. and	Veen 2	No. an 2	Maran A	Veen 5	Name C
EYFS -Talk about the features of their own immediate environment and how environments might vary from one another.	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6 -Fossils provide evidence that Living things have changed over time. -Environmental change can affect how well an organism is suited to its environment. -Over time the characteristics that are most suited to the environment become increasingly common. -Some organisms reproduce sexually where offspring inherit information from both parents.



SCHOOL		1	1	1	1	1
						-Some organisms
						reproduce asexually by
						making a copy of a
						single parent
						-Different types of
						organism have different
						life cycles.
						-Life cycles have evolved
						to help organisms
						survive to adulthood.
Related National						<ul> <li>-recognise that living</li> </ul>
Curriculum Objectives						things have changed
in italics:						over time and that
						fossils provide
						information about
						living things that
						inhabited the Earth
						millions of years ago
						<ul> <li>-recognise that living</li> </ul>
						things produce
						offspring of the same
						kind, but normally
						offspring vary and are
						not identical to their
						parents
						<ul> <li>-identify how animals</li> </ul>
						and plants are
						adapted to suit their
						environment in
						different ways and
						that adaptation may
						lead to evolution
			Materials			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	•	•	•	•	•	•



SCHOOL	1		1			
-Children know about	Why Do We Choose		Rocks & Soils	Solids, Liquids &	Making New	
similarities and	Materials to Do Certain		-There are	Gases	Substances	
similarities and differences in relation to places, objects, materials and living things.	Materials to Do Certain Jobs? -There are different materials -Materials have describable properties -Different materials have different properties. -Materials can be changed by physical force (twisting, bending, squashing and stretching) A variety of materials explored throughout LKS1 through different topics. All classes of materials will be covered across the two year groups.		-There are different kinds of rocks. -Different rocks have different physical properties and appearance -Soil is formed from rocks and organic matter. -Fossils form of evidence about creatures from the past. -Fossils are formed when things that have lived are trapped within rock.	Gases Mixtures & Separation -Materials can be divided into solids, liquids and gases. -Solids, liquids and gases are described by observable properties -Heating causes solids to melt into liquids and liquids to evaporate to gases -Cooling causes gases to condense to liquids and liquids to freeze to solids -The temperatures at which given substances change state are always the same. -Materials change state by heating and cooling. -Some changes can be reversed and some can't. -When two or more substances are mixed and remain present the mixture can be	Substances -All matter (including gases) has mass. -Heating can sometimes cause materials to change permanently. When this happens, a new substance is made. These changes are not reversible. -Sometimes mixed substances react to make a new substance. These changes are usually irreversible.	
				separated.		
Related National	-distinguish between	<ul> <li>-identify and</li> </ul>	<ul> <li>-compare and group</li> </ul>	<ul> <li>-compare and group</li> </ul>	<ul> <li>-compare and</li> </ul>	
<b>Curriculum Objectives</b>	an object and the	compare the	together different	materials together,	group together	
in italics:		suitability of a variety	kinds of rocks on the	according to whether	everyday materials	





SCHOOL			•	1	r	
		Living	Things and their Ha	abitats	<ul> <li>-demonstrate that dissolving, mixing and changes of state are reversible changes</li> <li>-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</li> </ul>	
	1	-	-	T	r	
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		-All animals get their		-Living things can be	-Different animal groups	-Living things are
		nutrients by eating. Some animals hunt and		divided into groups	have life cycles.	broadly grouped (micro
		eat other animals		based upon their characteristics.	-Changes are observed in an animal over a	organisms, plants and animlas).
		( <i>predators</i> ) and some		-Different food chains	period of time.	-Broad groups can be
		animals are hunted and		occur in different	-Different animal groups	sub divided into
		eaten by other animals		habitats.	reproduce and grow in	vertebrates (reptiles,
		(prey).		-Environmental change	different ways.	fish, amphibians, birds
		-There is variation		affects different	-Plants and animals	and mammals) and
		1				-
		between all living		habitats differently.	reproduce: sexual	invertebrates (insects,
		between all living things.		habitats differently. -Human activity	reproduce: sexual reproduction in animals,	molluscs, annelids,
		-		-	•	•
		things.		-Human activity	reproduction in animals,	molluscs, annelids,
		things. -Different animals and		-Human activity significantly affects the	reproduction in animals, sexual and asexual	molluscs, annelids, arachnids).



All animals are adapted       -Different organisms are environmental change       -Living things placed in classification system according to physical characteristics.        Plants are also adapted       Longitudinal Study       according to physical characteristics.         -Plants are also adapted to survive; they have adapted to get water and light they creatures and plants in their local environment different y and wold being their local environment (insects, spiders, brids, chewed.       -Living things are adapted to survive in quint water and light they creatures and plants in their local environment different y and adapted to survive in quint water and and wold being each or while a dapted to survive in quint water and light they creatures and plants, local environment adapted to survive in quint water and input to the animals according to save adapted to survive in quint water and light they creature supplications should different habitats.       require children to        The changing seasons       consider how       affects differently water admatic effect organisms within their ways of surviving when environment different adapted on them.       affects differently water admatic effect organisms within their ways of surviving when environment differently and therefore differently including hibernating storing food (fracting a habitat are in plants in fuel cload granisms in a habitat are in the local environment in the cload environment in the redue adapted are and plants in their call environment in the cload en	SCHOOL				
are adapted to survive as predators and prey).     environmental change     according to physical characteristics.       -Plants are also adapted to survive; they have adapted to get the adapted to get the eaten or dying when eaten or dying when     Longitudinal Study their local environment (insects, spitdes, birds, chewed.     The identification and classification of marmals, reptiles and amphibians).     Insects spitdes, birds, chewed.     Insects spitdes, birds, chewed.       - Living things are adapted to survive in different habitats.     Questions should different habitats.     require children to consider how the adramatic effect     environmental change environmental change on plants, which has an impact on the animals     insects spitderent affects different Animals have adapted     organisms within their environmental (fferent) the seasons change and and therefore different Animals have adapted     organisms within their environmental (fferent) and therefore different Animals have adapted     organisms within their environment differently and therefore different Animals have adapted     organisms within their environment differently and therefore different Animals have adapted     and therefore different habitats differently and therefore different food become scarce habitat are up), migrating.     a habitat are interdependent.     Interdependent.		-All animals are adapted	-Different organisms are	(David Attenborough	-Living things placed in
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		Identification of			
in the local environment		creatures and plants			
		in the local environment			
and how their		and how their			
populations change		populations change			
through the seasons.		through the seasons.			
Linking the properties of		Linking the properties of			
the seasons to the		the seasons to the			



changing populations		
and beginning to		
question how		
organisms are related.		
<ul> <li>-explore and compare</li> </ul>		how living
the differences	living things can be differences in the life things are	e classified
between things that	grouped in a variety cycles of a mammal, into broa	d groups
are living, dead, and	of ways an amphibian, an according	j to
things that have never	-explore and use insect and a bird common	observable
been alive	classification keys to • -describe the life character	ristics and
<ul> <li>-identify that most</li> </ul>	help group, identify process of based on	similarities
living things live in	and name a variety reproduction in some and diffe	rences,
habitats to which they	of living things in plants and animals including	micro-
are suited and	their local and wider organism	is, plants
describe how	environment and anim	als
different habitats	-recognise that     -give reas	sons for
provide for the basic	environments can classifyin	g plants
needs of different	change and that this and anim	nals based
kinds of animals and	can sometimes pose     on specific	ic
plants, and how they	dangers to living character	istics
depend on each other	things	
<ul> <li>-identify and name a</li> </ul>		
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		
	and beginning to question how populations of different organisms are related. • -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 - describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify	and beginning to question how populations of different organisms are related recognise that living things can be grouped in a variety of ways- describe the differences in the life cycles of a mammal, an amphibian, an according things that have never been alive- describe that things that have never been alive- describe things that are living, dead, and things that have never been alive- describe the user classification keys to help group, identify and name a variety of living things in their local and wider environment- describe the user classification keys to help group, identify and name a variety of living things in their local and wider environments can change and that this- describe the living things in their local and wider environments can change and that this- describe things- describe things in and animals• -identify and name a variety of plants and animals in their habitats to dother- describe the help group, identify and name a things• -describe the life process of reproduction in some and alifferent change and that this can sometimes pose dangers to living things• -describe change and that this can sometimes pose dangers to living things• -describe character (character describe how animals obtain their food from plants and other• -describe character describe how animals obtain their food chain, and identify and name different• -describe character things• -describe character things• -describe character things• identify and name a variety of plants and obtain their food chain, and identify and nam