

Malmesbury Park Primary School



PROGRESSION OF SKILLS AND KNOWLEDGE FOR SCIENCE

WORKING SCIENTIFICALLY						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Asking Questions • Answer 'how' and 'why' questions about their experiences and in response to stories or events.	Asking Questions Ask simple questions and recognise they can be answered in different ways.		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 Recording Observe closely, using Perform simple tested Gather and record of questions. Identify and classif 	ng simple equipment. s. lata to help in answering	 Monitoring and Recording Make systematic and careful observations. Take accurate measurements using standard units, using a range of equipment (e.g. thermometers and data loggers). Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables. Gather, record, classify and present data in a variety of ways to help in answering 		 Monitoring and Recording Make accurate measurements, using a recording accuracy and precision. Take repeat readings when appropriate consider fair tests. Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. 	
Concluding Talk about the features of their own immediate environment and how environments might vary from one another.	Concluding Use their observations and ideas to suggest answers to questions. Use age-appropriate scientific language Begin to notice patterns and relationships.		 questions. Concluding Identify similarities, differences or changes related to simple scientific ideas and processes. Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. Use straightforward scientific evidence to answer questions or support findings. Begin to look for naturally occurring patterns and relationships. Use, spell and read scientific vocabulary correctly. 		used to support or arguments. Report and present including conclusion explanations of and results, in oral and displays and other Draw conclusions b	t findings from enquiries, ns, casual relationships and degree of trust in written forms such as presentations. assed on their data and escientific knowledge to

Evaluating • Children know about similarities and differences in relation to places, objects, materials and living things.	Evaluating	Evaluating Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions Begin to recognise when and how secondary resources might help them to answer questions that cannot be answered through	Use, spell, read and pronounce scientific vocabulary correctly. Use evidence to justify their observations Evaluating Test results to make predictions to set up further comparative and fair tests. Recognise that scientific ideas change and develop over time.
Related National Curriculum Objectives	 asking simple questions and recognising that they can be answered in different ways observing closely, using simple equipment performing simple tests identifying and classifying using their observations and ideas to suggest answers to questions gathering and recording data to help in answering questions 	 asking relevant questions and using different types of scientific enquiries to answer them setting up simple practical enquiries, comparative and fair tests making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers gathering, recording, classifying and presenting data in a variety of ways to help in answering questions recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions identifying differences, similarities or changes related to simple scientific ideas and processes using straightforward scientific evidence to answer questions or to support their findings. 	 planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs using test results to make predictions to set up further comparative and fair tests reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations identifying scientific evidence that has been used to support or refute ideas or arguments

			LIGHT AND SOUND			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			Light	How Sound Is Made,		Light and How We
			 There must be 	Travels and Can Be		See
			light for us to see.	Changed		 Light travels in
			Without light it is	 Sound travel can 		straight lines.
			dark.	be blocked.		 Light reflects of
			 Light comes from a 	 Sound spreads out 		all objects (unless
			source.	as it travels.		they are black).
			 We need light to 	 Changing the 		Non-shiny
			see things even	shape, size and		surfaces scatter
			shiny things.	material of an		the light so we
			 Transparent 	object will change		don't see a single
			materials let light	the sound it		beam.
			through them and	produces.		 Animals see light
			opaque materials	 Sound is produced 		sources when light
			don't let light	when an object		travels from the
			through.	vibrates.		source into their
			 Beams of light 	 Changing the way 		eyes.
			bounce off some	an object vibrates		 Animals see
			materials	changes it's sound.		objects when light
			(reflection).	 Sound moves 		is reflected off
			 Shiny materials 	through all		that object and
			reflect light beams	materials by		enters their eyes -
			better than non-	making them		recognise that
			shiny materials -	vibrate.		light appears to
			recognise that	 Bigger vibrations 		travel in straight
			they need light in	produce louder		lines
			order to see things	sounds and smaller		 Use the idea that
			and that dark is	vibrations produce		light travels in
			the absence of	quieter sounds.		straight lines to
			light	 Faster vibrations 		explain that
			 Notice that light is 	(higher		objects are seen
			reflected from	frequencies)		because they give
			surfaces	produce higher		out or reflect light
			 Recognise that 	pitched sounds		into the eye
			light from the sun	identify how		 Explain that we
			can be dangerous	sounds are made,		see things because
			and that there are	associating some of		light travels from

	ways to protect their eyes Recognise that shadows are formed when the light from a light source is blocked by an opaque object Find patterns in the way that the size of shadows change	them with something vibrating Recognise that vibrations from sounds travel through a medium to the ear Find patterns between 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	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.
Related National Curriculum Objectives	 Recognise that they need light in order to see things and that dark is the absence of light Notice that light is reflected from surfaces Recognise that light from the sun can be dangerous and that there are 	of them with something vibrating	 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

ways to protect	features of the	light travels from
their eyes	object that	light sources to
 Recognise that 	produced it	our eyes or from
shadows are	Find patterns	light sources to
formed when the	between the	objects and then
light from a light	volume of a sound	to our eyes
source is blocked	and the strength	 Use the idea that
by an opaque	of the vibrations	light travels in
object	that produced it	straight lines to
 find patterns in 	 recognise that 	explain why
the way that the	sounds get fainter	shadows have the
size of shadows	as the distance	same shape as the
change	from the sound	objects that cast
	source increases.	them.

			ELECTRICITY			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
EYFS	Year 1	Year 2		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	Year 5	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
				push electricity round a circuit. More batteries will push the electricity round the circuit faster.		flowing round a circuit. The greater the current flowing through a device the harder it works.

Dalated Matienal	Some materials allow electricity to flow easily and these are called conductors. Materials that don't allow electricity to flow easily are called insulators. Devices work harder when more electricity goes through them	When current flows through wires heat is released. The greater the current the more heat is released.
Related National Curriculum Objectives	Identify common appliances that run on electricity Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery Recognise that a switch opens and closes a circuit and associate this with whether or not a	 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

		lamp lights in a	
		simple series	
		circuit	
		Recognise some	
		common	
		conductors and	
		insulators, and	
		associate metals	
		with being good	
		conductors	

			EARTH AND SPACE			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
EYFS	Year 1	Year 2		Year 4	• 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	Year 6
					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
Related National			Describe the
Curriculum Objectives			movement of the
			Earth and other
			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 the
			sun across the sky

FORCES						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
•	•	•	Pushes, Pulls and		Forces That Oppose	
			Their Effects		Motion	
			Magnets and Their		 Air resistance and 	
			Effects		water resistance	
			 Objects move in 		are forces against	
			different ways;		motion caused by	

they roll, slide,	objects having to
bounce etc.	move air and water
Forces change how	out of the way.
-	
things move.	
We can change the	against motion
way an object	caused by two
moves by pushing	surfaces rubbing
or pulling them.	against each other
Sometimes pushing	Some objects
and pulling slows	require large
things down,	forces to make
sometimes it	them move; gears,
speeds them up	pulley and levers
and sometimes it	can reduce the
makes it change	force needed to
direction.	make things move.
Bigger pushes and	
pulls have bigger	
effects.	
Objects move	
differently on	
different surfaces	
Rough surfaces	
create friction and	
slow moving	
objects down.	
Forces change	
shapes.	
• Sometimes when	
an object is	
pushed, pulled or	
twisted it changes	
shape.	
Magnets	
Magnets exert	
attractive forces	
on some materials.	
Magnets exert	
attractive and	
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			و ما الما الما الما الما الما الما الما		
			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	
Jan Hearann Objectives			surfaces	fall towards the	
			Notice that some	Earth because of the	
			forces need	force of gravity	
			contact between 2	acting between the	
			objects, but	Earth and the falling	
			magnetic forces	object	
			can act at a	• Identify the effects	
			distance	of air resistance,	
			Observe how	water resistance and	
			magnets attract or	friction, that act	
			repel each other	between moving	
			and attract some	surfaces	
			materials and not	• Recognise that some	
			others	mechanisms including	
			Compare and group	levers, pulleys and	
		•		gears allow a smaller	
			together a variety	gears allow a smaller	

of everyday	force to have a	
materials on the	greater effect	
basis of whether		
they are attracted		
to a magnet, and		
identify some		
magnetic materials		
Describe magnets		
as having 2 poles		
 Predict whether 2 		
magnets will		
attract or repel		
each other,		
depending on which		
poles are facing		

			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	•		
They make observations of animals and plants and explain why	Plants include trees (deciduous and evergreen), flowers (wild and	A seed produces roots to allow water to get into the plant and	Their Food How Plants Reproduce • Plants make their own food in their			
some things occur, and talk about changes. • Children know	cultivated) and hedges and bushes. • Most plants usually grow from seeds	shoots to produce leaves to collects the sunlight. • All flowering plants	leaves to provide them with energy, grow, repair, and reproduce.			
about similarities and differences in relation to places, objects, materials	and bulbs. • Plants need warmth, light and water to grow and	make seeds that can grow into new plants • Sometimes the	Leaves absorb sunlight and carbon dioxide through leaves.			
and living things.	survive	plant dies after it has produced its	Plants have roots to provide support			
	 Longitudinal Study By growing wildflowers, observe changes across the four 	seed and sometimes the plant lives for many generations	and to draw moisture from the soil, through stems to take water to			

seasons. Observe	producing seeds	the rest of the		
and describe	each year.	plant.		
weather	·	• The plant makes its		
associated with		food from water		
the seasons and		and carbon		
how day length		dioxide, using		
varies.		sunlight as energy,		
		in the green parts		
		of		
		 plants (mainly 		
		leaves)		
		 Flowering plants 		
		have evolved		
		specific parts to		
		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		

Related National Curriculum Objectives	Identify and name a variety of common	Observe and describe how seeds	and how these are associated with the seasonal changes. Identify and describe the		
	wild and garden plants, including deciduous and evergreen trees • Identify and describe the basic structure of a variety of common flowering plants, including trees • Observe changes across the 4 seasons • Observe and describe weather associated with the seasons and how day length varies	and bulbs grow into mature plants • Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy	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 plants Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal		

	ANIMALS INCLUDING HUMANS								
	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 of	Survive	 All animals 	Movement	 Animals need a 	• Human	nutrients get to		
	animals and plants		eventually die.		variety of foods to	development is in			

and explain why some things occur, and talk about changes. • Children know about similarities and differences in relation to places, objects, materials and living things.	 There are many different animals with different characteristics Animals need food to survive (carnivores, omnivores and herbivores). Animals need a variety of food to help them grow, repair their bodies, be active and stay healthy. Animals move in order to survive. Exercise keeps animal's bodies in good condition and increases survival chances. Animals have senses to help individuals survive. When animals sense things they are able to respond 	skeletons to support their bodies and protect vital organs. • Muscles are connected to bones and move them when they contract. • Movable joints connect bones • Mustle your a different foods. • Humans require a balanced diet to remain healthy but healthy diets vary depending upon the type of activity that humans do. • Animals have teeth to help them eat. • Different animals are adapted to eat different foods. • Humans require a balanced diet to remain healthy but healthy diets vary depending upon the type of activity that humans do. • Animals have teeth to help them eat. • Different animals are adapted to eat different foods.	stages (baby, child, teenager, adult, old age). • During puberty humans experience changes. • Gestation periods are different for different animals. • Muscles need oxygen to release the energy from food to do work: Oxygen is taken into the blood in the lungs, the heart pumps blood vessels to the muscles, the muscles take the oxygen and nutrients from the blood The heart pumps blood through blood vessels to the muscles take the oxygen and nutrients from the blood
Related National Curriculum Objectives	 Identify and name a variety of common animals including fish, amphibians, Identify and name a name animals, including humans, have offspring which grow into adults 	 Identify that animals, including humans, need the right types and amount of Describe the simple functions of the basic parts of the digestive system in humans 	Describe the changes as humans develop to old age develop to old age and describe the main parts of the human circulatory system, and describe the

reptiles, birds an 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	describe the basic needs of animals, including humans, for survival (water, food and air) Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense	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 muscles for support, protection and movement Identify the different types of teeth in humans and their simple functions Construct and interpret a variety of food chains, identifying producers, predators and prey	functions of the heart, blood vessels and blood recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function • Describe the ways in which nutrients and water are transported within animals, including humans
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	EVOLUTION AND INHERITANCE								
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
Talk about the features of their own immediate environment and how environments might vary from one another.						 Fossils provide evidence that Living things have changed over time. Environmental change can affect how well an organism is suited to its environment. 			

	•	1	1		
					 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. 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 Curriculum Objectives					 Recognise that living things have changed over 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

MATERIALS						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Children know about similarities and differences i relation to places objects, material and living things.	Certain Jobs? There are		Rocks & Soils 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.	Solids, Liquids & 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	Making New 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.	

	covered across the two year groups.			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 separated.	
Related National Curriculum Objectives	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 the simple physical properties of a variety of everyday materials compare and group together a variety of everyday materials on the basis of their simple physical properties 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	 Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties Describe in simple terms how fossils are formed when things that have lived are trapped within rock Recognise that soils are made from rocks and organic 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 (°C) Identify the part played by evaporation and condensation in the Water cycle and associate the rate 	 Compare and group together everyday materials on the basis of their properties, 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

of evaporation	might be
with temperature	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

LIVING THINGS AND THEIR HABITATS						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		All animals get		Living things can be	 Different animal 	 Living things are
		their nutrients by		divided into groups	groups have life	broadly grouped
		eating. Some			cycles.	

animals hunt and	based upon their • Changes are (microorganisms,
eat other animals	characteristics. observed in an plants and animals).
(predators) and	Different food
some animals are	chains occur in period of time. be sub divided into
hunted and eaten	different habitats. • Different animal vertebrates
by other animals	Environmental groups reproduce (reptiles, fish,
(prey).	change affects and grow in amphibians, birds
There is variation	different habitats different ways. and mammals) and
between all living	differently. • Plants and animals invertebrates
things.	Human activity reproduce: sexual (insects, molluscs,
Different animals	significantly reproduction in annelids,
and plants live in	affects the animals, sexual and arachnids).
different places.	environment. asexual • -Carl Linnaeus
All animals are	Different reproduction in created a
adapted to eat and	organisms are plants. classification
survive (they are	affected • Explore the work system.
adapted to survive	differently by of well-known • Living things
as predators and	environmental naturalist (David placed in
prey).	change Attenborough and classification
Plants are also	Jane Goodall). system according
adapted to survive;	Longitudinal Study to physical
they have adapted	The identification characteristics.
to get the water	and
and light they need	classification of
and avoid being	creatures and
eaten or dying	plants in their
when chewed.	local environment
Living things are	(insects, spiders,
adapted to survive	birds, mammals,
in different	reptiles and
habitats.	amphibians).
The changing	Questions should
seasons have a	require children to
dramatic effect on	consider how
plants, which has	environmental
1	
an impact on the	change (the
animals that feed	seasons, human

of surviving when the seasons change and food become scarce including hibernating, storing food (fattening up), migrating. Longitudinal Study I Identification of creatures and plants in the local environmentand how their populations change through the seasons. Linking the properties of	
change and food become scarce including hibernating, storing food (fattening up), migrating. Longitudinal Study Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
become scarce including hibernating, storing food (fattening up), migrating. Longitudinal Study I dentification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
including hibernating, storing food (fattening up), migrating. Longitudinal Study I dentification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
hibernating, storing food (fattening up), migrating. Longitudinal Study I Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
storing food (fattening up), migrating. Longitudinal Study Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
(fattening up), migrating. Longitudinal Study Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
migrating. Longitudinal Study Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
Longitudinal Study Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
Longitudinal Study Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
Identification of creatures and plants in the local environment and how their populations change through the seasons. Linking	
creatures and plants in the local environment and how their populations change through the seasons. Linking	
plants in the local environment and how their populations change through the seasons. Linking	
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environment and how their populations change through the seasons. Linking	
how their populations change through the seasons. Linking	
populations change through the seasons. Linking	
through the seasons. Linking	
seasons. Linking	
the properties of the properti	
the seasons to the	
changing	
populations and	
beginning to	
question how	
populations of	
different	
organisms are	
related.	
Related National • Explore and • Recognise that • Describe the • Describe how limits	ng
Curriculum Objectives compare the living things can be differences in the things are	
differences grouped in a life cycles of a classified into	
between things variety of ways mammal, an broad groups	
that are living, • Explore and use amphibian, an according to	
dead, and things classification keys insect and a bird common observe	
that have never to help group, • Describe the life characteristics	ıle
been alive identify and name process of and based on	ole
a variety of living reproduction in similarities and	ole

Identify that most	things in their some plants and differences,
living things live in	local and wider animals including micro
habitats to which	environment organisms, pla
they are suited	Recognise that and animals
and describe how	environments can • Give reasons f
different habitats	change and that classifying pla
provide for the	this and animals ba
basic needs of	• can sometimes on specific
different kinds of	pose dangers to characteristic
animals and plants,	living things
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	