## Science Progression KS1

Year /	Domains	Dimensions	Working towards	Expected	Mastery	Deepening
Term						and Applying
Year 1	1			1	1	
All Year Key Knowledge: The composition of the Earth and its atmosphere and the processes occurring within them shape the Earth's surface and its climate	Physics	Seasonal change E&S1.1 Observe changes across the four seasons E&S 1.2 Observe and describe weather associated with the seasons and how day length varies	I can: Identify the changes that occur across the year as the seasons change Name some of the key features of each season including the weather Identify how the different seasons impact on the way we live including the clothes we wear	I can: Describe the changes that occur across the year as the seasons change List the key features of each season including the weather Outline how the different seasons impact on the way we live including the clothes we wear	I can: Explain why the seasons change Compare the different seasons and identify things that I like and dislike about them Explain how the different seasons effect animals in the UK using the example of common garden animal or bird	I can; Summarise how and why the seasons change and the key differences between each season Create a guide on ways in which we can support birds, animals and insects in the different seasons
Key Skills: Observing changes over a period of time, noticing patterns		Children should be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer questions, including: • observing changes over a period of time, • noticing patterns, • finding things out using secondary sources of information. • asking simple questions and recognising that they can be answered in different ways observing closely,	I can: Collect data on the weather List the types of weather across a week Use information on the weather to draw a simple graph (for example number of sunny/rainy days in a month	I can: Collect and record data on the weather Describe the types of weather across a week Use information on the weather to complete a simple graph (for example number of sunny/rainy days in a month	I can: Present data on the weather in graphs and charts to show how it changes with the seasons Analyse the types of weather across a week Research how and why the seasons change Research how the changes in the seasons effect humans and animals	I can: Plan how to present my data so that I can see the changes over time Ask questions to help me plan my research into why the seasons change

		<ul> <li>using simple equipment,</li> <li>identifying and classifying gathering and recording data to help in answering questions</li> <li>using their observations and ideas to suggest answers to questions</li> </ul>	Find out information to identify why the seasons change from books	Find out information about why the seasons change from the internet and books	l can:	l can:
		how the seasons effect plants and animals on a farm	Identify the changes in the farming year and present my findings in a seasonal calendar	Describe the changes in the farming year and present my findings in a seasonal calendar	Explain the changes in the farming year and summarise the work the farm needs to do in each season	Use my research to write a diary entry for a farmer at the start of each season
1a Autumn Key Knowledge: All material in the universe is made of very small particles.	Chemistry	Everyday Materials EM1.1 Distinguish between an object and the material from which it is made EM1.2 Identify and name a variety of everyday materials, including wood, plastic, glass, metal water and rock EM1.3 Describe the simple properties of a variety of everyday materials EM1.4 Compare and group together a variety of everyday materials on the basis of their simple physical properties EM1.5 Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching	I can: Identify some different materials we have in the classroom Sort materials into given groups based on their properties (i.e. man- made/naturals, hard and soft, flexible and stiff) Identify that some materials can be shaped and others cannot	I can: Identify and describe the different materials we have in the classroom Sort materials into different groups based on their properties (i.e. man- made/naturals, hard and soft, flexible and stiff) Describe how some materials can be shaped and others cannot	I can: Compare and contrast the different materials we have in the classroom Explain why the properties of different materials make them good for different purposes (i.e. when do we need things to be soft/flexible/hard) Classify materials into those that can be shaped by hand and those that cannot	I can: Summarise why some materials are used for specific purposes uses examples from the materials in the classroom Research how rigid materials such as metal and stone are shaped
Key Skills: Observing closely, identifying,		Children should be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer questions, including:	I can: Observe the difference between materials in the classroom based on	I can: Describe the difference between materials in the	I can: Explain the similarities and differences between materials in the classroom and group	I can: Use the data from my observations to show on a graph

grouning		noticing pattorns	texture flexibility	classroom based on texture	them in different ways	which materials
and		<ul> <li>noticing patterns,</li> <li>grouping and classifying</li> </ul>	hardness	flevibility hardness	according to their properties	are used most
classifying		• grouping and classifying	naruness	nexionity, naroness	according to their properties	ofton in the
performing,		<ul> <li>carrying out simple</li> </ul>	Group materials based on	Group materials in different	Explain the difference between	classroom
cimplo tosts		comparative tests	their properties	ways based on their properties	man made materials and	Classicolli
simple tests		<ul> <li>finding things out using</li> </ul>	then properties	ways based on their properties	natural materials and give	
		secondary sources of	Find out how motorials	Decearch how motorials are		
		information	Find out now materials	Research now materials are	examples	
		<ul> <li>asking simple questions and</li> </ul>	are made or where they	made or where they are found		
		recognising that they can be	are lound			
		answered in different ways				
		observing closely.				
		<ul> <li>identifying and classifying</li> </ul>				
		gathering and recording data				
		to help in answering				
		questions				
		• using their observations and				
		ideas to suggest answers to				
		questions				
		Research which materials can be	l can:	I can:	I can:	I can:
		recycled or decay naturally and	Name materials that can	List materials that can be	Explain why some materials can	Create a guide to
		which do not	be recycled and those that	recycled and those that cannot	be recycled and some cannot	help us reduce,
			cannot			reuse, recycle
		Sort and measure the materials		Describe how we could recycle	Explain how we could reduce	
		wasted in the classroom each day	Identify how we could	more materials in school	waste in the classroom	
		and record over a week to see	recycle more materials in			
		how we could reduce waste or	school			
		ensure things are recycled				
1b	Biology	Animal, including humans	I can:	I can:	I can:	l can:
Spring		AH1.1 Identify and name a variety	Sort living things into the	Sort living things into the main	Classify living things into the	Summarise the key
Кеу		of common animals that are birds,	main animal groups	animal groups and give reasons	main animal groups and explain	characteristics of
Knowledge:		fish, amphibians, reptiles,		for my decisions	why	the main animal
		mammals and invertebrates	Identify what we mean by			groups
Organisms		AH1.2 Identify and name a variety	carnivore, herbivore and	Describe what we mean by	Classify which animals are	
are		of common animals that are	omnivore	carnivore, herbivore and	carnivores, herbivores and	Reflect on how the
organised		carnivores, herbivores and	Identify some common	omnivore	omnivores and explain the	food types of
on a cellular		omnivores	animals and sort them		difference between these	different animals
basis		AH1.3 Describe and compare the	into carnivores,	Identify some common animals	groups	determines how
		structure of a variety of common	herbivores and omnivores	and sort them into carnivores,		they live using an

Organisms require a supply of energy and materials for which they are often dependent on or in competition with other organisms	animals (birds, fish, amphibians, reptiles, mammals and invertebrates, and including pets) AH1.4 Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with which sense	Label a diagram of the structure of an animal group to show their main characteristics Label a picture of a human body to show the key features including the senses	herbivores and omnivores and say why Label diagrams of the structure of the different groups of animals to show their main characteristics Draw a human body and show the key features including the senses	Annotate diagrams of examples of the different groups of animals to explain their key characteristics Draw and annotate a human body to show the key characteristics including the senses	example of each group Summarise how our senses help us make sense of the world
identifying, grouping and classifying things	<ul> <li>develop their understanding of scientific ideas by using different types of scientific enquiry to answer questions, including: <ul> <li>noticing patterns,</li> <li>grouping and classifying things,</li> <li>finding things out using secondary sources of information.</li> </ul> </li> <li>asking simple questions and recognising that they can be answered in different ways observing closely,</li> <li>identifying and classifying gathering and recording data to help in answering questions</li> <li>using their observations and ideas to suggest answers to questions</li> </ul>	Sort animals into groups based on key features Identify similarities between animals in each group Identify which animals are carnivores, herbivores and omnivores Label a diagram	Use a simple classification key to sort animals into groups List similarities between animals in each group Find out from research which animals are carnivores, herbivores and omnivores Draw and label a diagram	Explain how a classification key helps to sort animals into groups Explain the similarities between animals in the same group Explain carnivores, herbivores and omnivores the difference between Annotate a diagram	Classify animals into new groups or sub groups for example domesticated and wild and explain my reasoning
	Research and create a guide for caring for a pet to include, diet,	I can:	I can: List the things my pet needs	I can:	I can:

		exercise, home/bedding based on	Identify the things my pet	Describe a daily routine to care	Explain what my pet needs	Evaluate the
		their characteristics	needs	for my pet	based on the animal group and	advantages and
			Identify the daily routine	,,,	their diet	disadvantages of
			to care for my pet			two different nets
			to care for my per		I can create a list of dos and	to decide which
					don'ts for my guide	would be the best
					don to for my galac	net to own
10	Biology	Plants	l can:	I can:	I can:	L can:
Summer	DIGIOGY	Pl 1 1 Identify and name a range of	Name different plant	Sort plants into the main	Classify plants into the main	Summarise the
Kov		common plants, including gardon	groups and find example	different plant groups	groups and explain their	footures that all
Knowlodgo		plants wild plants and troos and	groups and find example	different plant groups	characteristics	plants have in
Organisms		those classified as deciduous and	Sort troop into those that	Describe which trees are	characteristics	plants have in
are			are deciduous and these	desiduous and which are	Evalain why come trees lose	
organised		PI 1 2 Identify and describe the	that are overgroop		their leaves in winter and	reasons why
on a cellular		PLI.2 Identity and describe the	that are evergreen	evergreen	their leaves in winter and	Commente
basis		basic structure of a variety of		the end the televator	others do not	Compare two
20010		common flowering plants,	Use a guide to identify	Use a guide to identify		different flowering
		including roots, stem/trunk, leaves	some common trees	common trees	Distinguish between species of	plants to show the
		and flowers			trees and explain in what ways	similarities and
			Label the key parts of a	Draw and label the key parts of	they are different	differences
			flowering plant	a flowering plant	Draw and annotate a diagram	
					of a flowering plant to explain	
					the key features	
Koy Skills:		Children should be beined to	l can:	l can:	l can:	l can:
Cheanving		develop their understanding of	Crown things according to	I cdil.	l Cdll. Distinguish botwoon different	Tudii.
Observing		develop their understanding of	their observable	things according to their	plant groups and explain their	Explaining in
closely and		scientific ideas by using different			plant groups and explain their	reasoning in
identifying		types of scientific enquiry to	characteristics	observable characteristics	characteristics	grouping plants
similarities		answer questions, including:	<b>T</b> 1 + 1 - 6			together
and		•noticing patterns,	I hink of some questions	Ask simple questions to help	Pose scientifically valid	
differences		•grouping and classifying things,	to help me plan my	me plan my research and	questions to help me plan my	Carry out research
Observing		•finding things out using	research and observations	observations	research and observations	independently to
change over		secondary sources of information.				explore a specific
time		<ul> <li>asking simple questions and</li> </ul>	Identify some key facts	Research information about	Select appropriate sources for	plant group
		recognising that they can be	about the main plant	the main plant groups using	my research including books	
		answered in different ways	groups using books	books and digital media	and digital media	Select the best way
		observing closely,	Use simple equipment	Independently use simple		to present my
		<ul> <li>using simple equipment,</li> </ul>	including a magnifying	equipment including a	Explain how to use a magnifying	information
					glass to help my observations	

		aidentifying and classifying	alass to make my	magnifying glass to make my		
		asthering and recording data to	glass to make my	observations	Record my information in a	
		bala in an averia a superior	Deservations			
		neip in answering questions	Record my information in	Record my information on a	range of diagrams, graphs or	
		using their observations and ideas	a diagram	diagram, graph or chart	charts and explain what I have	
		to suggest answers to questions			learnt	
		Sort and classify different fruits	I can:	I can:	I can:	l can:
		and vegetables according to the	Sort fruits and vegetables	Sort fruits and vegetables into	Apply my knowledge of plants	Create a
		part of the plant that is edible	into different groups	different groups according to	to classify different fruits and	classification key
			according to the part of	the part of the plant they come	vegetables and summarise they	to sort fruits and
			the plant they come from	from and give some reasons for	key characteristics of each	vegetables
				my decisions	group	according to the
						part of the plant
						they come from
						and use the
						information to
						summarise where
						our food comes
						from
Year 2						
2a	Chemistry	Uses of Everyday Materials	l can:	I can:	I can:	l can:
Autumn 1		EM2.1 Identify and compare the	Identify some different	List the different materials we	Classify different materials	Summarise the
Kev		uses of a variety of everyday	materials we can find	can find around the school	around the school into the main	different
Knowledge:		materials, including wood, metal,	around the school	including things we wear	groups	properties of every
		plastic, glass, brick/rock, and	including things we wear	Sort materials into different	Distinguish between man made	day materials and
All material		paper/cardboard	Sort materials into	groups according to different	and natural materials	generalise about
in the						
universe is		EM2.2 Find out how the shapes of	different groups	criteria	Explain why we use particular	how they are used
made of		<b>EM2.2</b> Find out how the shapes of solid objects made from some	different groups Identify how the	criteria Describe how the properties of	Explain why we use particular materials based on their	how they are used giving examples
		<b>EM2.2</b> Find out how the shapes of solid objects made from some materials can be changed by	different groups Identify how the properties of different	criteria Describe how the properties of different materials determine	Explain why we use particular materials based on their properties	how they are used giving examples from our school
verv small		<b>EM2.2</b> Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and	different groups Identify how the properties of different materials determine how	criteria Describe how the properties of different materials determine how they are used	Explain why we use particular materials based on their properties Explain why our clothes are	how they are used giving examples from our school Speculate on
very small		<b>EM2.2</b> Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching (Y1)	different groups Identify how the properties of different materials determine how they are used	criteria Describe how the properties of different materials determine how they are used Describe what materials make	Explain why we use particular materials based on their properties Explain why our clothes are made of certain materials	how they are used giving examples from our school Speculate on alternative
very small particles		<b>EM2.2</b> Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching (Y1) <b>EM2.3</b> Compare how things move	different groups Identify how the properties of different materials determine how they are used identify what materials	criteria Describe how the properties of different materials determine how they are used Describe what materials make good clothes and say why	Explain why we use particular materials based on their properties Explain why our clothes are made of certain materials Explain how the surface texture	how they are used giving examples from our school Speculate on alternative materials for
very small particles		<b>EM2.2</b> Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching (Y1) <b>EM2.3</b> Compare how things move on different surfaces	different groups Identify how the properties of different materials determine how they are used identify what materials make good clothes	criteria Describe how the properties of different materials determine how they are used Describe what materials make good clothes and say why Describe the difference	Explain why we use particular materials based on their properties Explain why our clothes are made of certain materials Explain how the surface texture of a material is important	how they are used giving examples from our school Speculate on alternative materials for everyday objects
very small particles		<b>EM2.2</b> Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching (Y1) <b>EM2.3</b> Compare how things move on different surfaces	different groups Identify how the properties of different materials determine how they are used identify what materials make good clothes Identify things that are	criteria Describe how the properties of different materials determine how they are used Describe what materials make good clothes and say why Describe the difference between smooth and rough	Explain why we use particular materials based on their properties Explain why our clothes are made of certain materials Explain how the surface texture of a material is important	how they are used giving examples from our school Speculate on alternative materials for everyday objects around the school
very small particles		EM2.2 Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching (Y1) EM2.3 Compare how things move on different surfaces	different groups Identify how the properties of different materials determine how they are used identify what materials make good clothes Identify things that are rough and smooth using	criteria Describe how the properties of different materials determine how they are used Describe what materials make good clothes and say why Describe the difference between smooth and rough surfaces and identify examples	Explain why we use particular materials based on their properties Explain why our clothes are made of certain materials Explain how the surface texture of a material is important	how they are used giving examples from our school Speculate on alternative materials for everyday objects around the school

		examples around the school			
Key Skills: Identifying, grouping and classifying things Carrying out simple comparative tests	<ul> <li>Children should be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer questions, including: <ul> <li>observing changes over a period of time,</li> <li>noticing patterns,</li> <li>grouping and classifying things,</li> <li>carrying out simple comparative tests</li> <li>finding things out using secondary sources of information.</li> <li>asking simple questions and recognising that they can be answered in different ways observing closely,</li> <li>using simple equipment,</li> <li>performing simple tests</li> <li>identifying and classifying gathering and recording data to help in answering questions</li> </ul> </li> </ul>	school I can: identify differences between materials in the classroom based on texture, flexibility, hardness Group materials based on their properties Find out how materials are made or where they are found Test what happens when we squash, bend, twist or stretch materials used in the things we wear Observe the different floor surfaces around the school and say which ones are smooth and which are rough	I can: Observe the difference between materials in the classroom based on texture, flexibility, hardness Group materials in different ways based on their properties Research how materials are made or where they are found Investigate what happens when we squash, bend, twist or stretch materials used in the things we wear Observe the different floor surfaces around the school and say which ones are smooth and which are rough and give some reasons why	I can: Explain the differences between different materials around the school based on my observations Classify materials into different groups according to their properties and explain my reasoning Plan my research and identify the key information I need to find out how common materials are made or found Plan an investigation to find out which materials make the best clothes for school	I can: Reflect on whether we could use different materials and explain my reasoning Hypothesise about why different floor materials are used in different parts of the schools and plan an investigation to test out our ideas
	 to suggest answers to questions Use knowledge of materials used for clothing to design a school	I can: Identify some of the key	I can: List the key features that we	l can: Explain the key features to	l can: Evaluate our
	unitorm that is hard wearing, comfortable and looks smart	reatures that we need to consider in our design Match key properties to different parts of the uniform (i.e. soft, stretchy, hard, strong) Draw and label my uniform design	need to consider in our design Match key properties to different parts of the uniform (i.e. soft, stretchy, hard, strong) Draw and label my uniform design to show my choices	consider when designing my uniform Evaluate different materials for each part and give reasons for my choices Annotate my design to show the properties of the materials I have chosen	current school uniform and say how we could improve it

2b Autumn2 Key Knowledge: Organisms require a supply of energy and materials for which they are often dependent on or in competition with other organisms	Biology	Animals, including humans AH2.1 Notice that animals, including humans, have offspring which grow into adults AH2.2. Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) AH2.3 Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	I can: Identify the life cycle of a human from birth to death Name the things we need to keep us alive Identify the things we need to consider to keep healthy	I can: Describe the life cycle of a human from birth to death Outline the things we need to keep us alive Describe the things we need to consider to keep healthy	I can: Explain the key stages in our lives from birth to death and the changes that occur at each stage Distinguish between the things that we need to stay alive and things we might want Explain what happens if we don't have a healthy diet, take exercise and keep ourselves clean	I can: Compare the life cycle of a human with that of another animal and identify similarities and differences
Key Skills: Finding things out using secondary sources of information Asking simple questions and recognising that they can be answered in different ways		Children should be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer questions, including: •observing changes over a period of time, •noticing patterns, •grouping and classifying things, •carrying out simple comparative tests •finding things out using secondary sources of information. •asking simple questions and recognising that they can be answered in different ways including: • observing closely, •using simple equipment, •performing simple tests •identifying and classifying gathering and recording data to help in answering questions	I can: Observe patterns Ask simple questions about what humans need to stay alive Ask simple questions about what humans need to stay healthy Find key facts using books	I can: Observe patterns and changes over time Ask simple questions about what humans need to stay alive to inform my research Ask simple questions about what humans need to stay healthy to inform my research Research using books and digital media	I can: Explain changes and patterns over time Ask scientifically valid questions about what humans need to stay alive Ask scientifically valid questions about what humans need to stay healthy Select appropriate sources for my research	I can: Generalise about the life cycle of all animals and what they need to stay alive Summarise the key features of a healthy life style for a human

		using their observations and ideas				
		to suggest answers to questions				
		Create a guide to healthy living for pupils at Priory School	I can: Use my knowledge of what we need to stay healthy to create a pictorial guide for KS1 pupils	I can: Use my knowledge of what we need to stay healthy to create a guide for KS1 pupils explaining why it is important	I can: Use my knowledge of what we need to stay healthy to create a pictorial guide for KS1 pupils including information on what might happen when we get older if we do not	I can: Create a healthy living poster to display in our classroom to remind us of what we need to do to stay healthy
2c Spring Key Knowledge: Organisms require a supply of energy and materials for which they are often dependent on or in competition with other organisms	Biology	Plants P2.1 Observe and describe how seeds and bulbs grow into mature plants P2.2 Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy	I can: Identify the difference between a seed and a bulb and match seeds and bulbs to their plants Draw a diagram to show how seeds and bulbs grow into mature plants Use my observations of a growing plant to identify the stages in the life cycle of a plant Use my observations of a growing plant to identify what they need to grow and stay healthy	I can: Describe the difference between a seed and a bulb and match seeds and bulbs to their plants Describe how seeds and bulbs grow into mature plants Use my observations of a growing plant to explain the life cycle of a plant Use my observations of a growing plant to describe what they need to grow and stay healthy	I can: Explain the difference between a seed and bulb and how this affects the way they grow using examples of plants that grow from a seed and a bulb Explain the life cycle of plants based on my observations Explain what plants need to grow and be healthy and what happens when they do not have these things	I can: Compare two plants to show the similarities and differences between their life cycles
Key Skills: Identifying, grouping and classifying things Finding things out using secondary		<ul> <li>Children should be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer questions, including:</li> <li>observing changes over a period of time,</li> <li>noticing patterns,</li> <li>grouping and classifying things,</li> </ul>	I can: Observe the difference between a seed and a bulb Find out how plants grow from bulbs and seeds using books	I can: Observe similarities and difference between seeds and bulbs Research how plants grow from bulbs and seeds using books and digital media	I can: Observe and explain how the similarities between bulbs and seeds affects the way we grow them Research and explain the key stages in their life cycle	I can: Predict what will happen to a plant if we take away light or water and test out my hypothesis

sources of information. Asking simple questions and recognising that they can be answered in different ways		<ul> <li>carrying out simple comparative tests</li> <li>finding things out using secondary sources of information.</li> <li>asking simple questions and recognising that they can be answered in different ways observing closely,</li> <li>using simple equipment,</li> <li>performing simple tests</li> <li>identifying and classifying gathering and recording data to help in answering questions</li> <li>using their observations and ideas to suggest answers to questions</li> </ul>	Observe how a plant grows – naming the stages of its growth Observe what happens if we do not water a plant or put it into a dark place	Investigate how a plant grows – observing and recording the stages of its growth Investigate and observe what happens if we do not water a plant or put it into a dark place	Plan an investigation using a seed or bulb to record the stages in its life cycle and explain what happens if they don't have light or water	
		Create a plant calendar to show the life cycle of a plant through the year	I can: Draw the life cycle of a plant in the different seasons of the year	I can: Draw and label the life cycle of a plant in the different seasons of the year	I can: Create a seasonal calendar which shows the life cycle of plants and explains what they need in each season	I can: Create a Gardeners Year calendar showing what gardeners should be doing in each season
2d Summer Key Knowledge: Organisms require a supply of energy and materials for which they are often dependent on or in	Biology	Living things and their habitats T2.1 Explore and compare the difference between things that are living, dead, and things that have never been alive ALT2.2 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 of each other	I can: Identify things that are living and things that have never been alive Identify what a habitat is and give an example from our local environment Identify the key features of a woodland habitat and show the range of creatures and plants we find there	I can: Identify and describe the difference between things that are living and things that have never been alive Describe what we mean by a habitat and give examples form our local environment Describe the key features of a woodland habitat and show the range of creatures and plants we find there	I can: Classify things into living and never lived and explain the difference Explain what we mean by a habitat Explain the importance of keeping a balance in a woodland habitat Create a diagram to show hierarchy in a woodland food	I can: Generalise about what happens when humans damage a habitat

competition with other organisms	ALT2.3 Identify and name a variety of plants and animals in their habitats, including micro-habitats ALT2.4 Describe how animals obtain their food from plants and other animals, using the ideas of a simple food chain, and name and identify different sources of food	Draw a typical food chain for a woodland environment	Draw a typical food chain for a woodland environment showing how the animals and plants are dependent on one another (link to plants in that rely on birds and insects)	chain and explain the difference between a predator and a food source	
Key Skills: Identifying, grouping and classifying things Finding things out using secondary sources of information. Asking simple questions and recognising that they can be answered in different ways	<ul> <li>Children should be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer questions, including:</li> <li>observing changes over a period of time,</li> <li>noticing patterns,</li> <li>grouping and classifying things,</li> <li>carrying out simple comparative tests</li> <li>finding things out using secondary sources of information.</li> <li>asking simple questions and recognising that they can be answered in different ways observing closely,</li> <li>using simple equipment,</li> <li>performing simple tests</li> <li>identifying and classifying gathering and recording data to help in answering questions</li> <li>using their observations and ideas to suggest answers to questions</li> </ul>	I can: Use my observations to sort things into living and never lived Ask simple questions Find out key facts about woodland habitats using books and digital media Find an example of a food chain and identify what woodland animals eat and where they live	I can: Use my research and observations to sort things into living and never lived Ask simple questions to help me plan my research Research woodland habitats using books and digital media Research food chains and identify what woodland animals eat and where they live	I can: Develop key criteria to classify things into living and never lived Pose scientifically valid questions to help me plan my research Plan my research into woodland habitats and select appropriate resources Research what might damage a woodland habitat	I can: Summarise what we mean by a habitat using an example of a woodland
	Create a guide for people visiting Burnham Beeches of how to	l can: Identify some key things that people visiting BB	I can: List the key things that people visiting BB need to think about	I can: Create a guide to visiting BB including showing the many	l can: Design an eye- catching poster to

	behave so as not to damage the	need to think about to	to develop a Do and Don't	living things they will see there	be displayed at the
	habitat of the things that live there	develop a Do and Don't	guide	and reminding them of how to	entrance to BB
		guide	Illustrate my guide to show	ensure they don't damage the	explaining why
		Draw pictures to show	what happens if they don't	habitat	maintaining the
		what happens if they	take care		habitat is
		don't take care			important and
					illustrating some
					important dos and
					don'ts