Early Years	Early Learning Goals:				
	To explore creatures, people, plants and objects in their natural environments.				
	• To observe and manipulate objects a	and materials to identify differe	nces and similarities.		
	Areas include: Knowledge and Understanding of the World Mini beasts (insects) Animals Plants Ourselves Water Seasons and				
	weather (see Progression of skills table				
	Year 1		Year 2		
Curriculum area:	Curriculum statement:	Progression:	Curriculum statement:	Progression:	
Plants	Identify and name a variety of	• Use the local	To observe and describe	• Use the local	
	common wild and garden plants,	environment to <b>explore</b>	how seeds and bulbs grow	environment to	
	including deciduous and evergreen	and answer questions	into mature plants	<b>observe</b> how plants	
	trees	about plants growing in	• To find out and describe	grow.	
		their habitat.	how plants need water, light	• Understand the	
	<ul> <li>Identify and describe the basic</li> </ul>	• Observe the growth of	and a suitable temperature to	requirements of plants	
	structure of a variety of common	flowers and vegetables	grow and stay healthy	for germination,	
	flowering plants, including trees	that they have planted.		growth and survival	
		• Become familiar with		and the processes of	
		common names of		reproduction and	
		flowers, examples of		growth in plants.	
		deciduous and evergreen		• Know that seeds and	
		trees, and plant structures		bulbs need water to	
		(including leaves, flowers		grow but most do not	
		(blossom), petals, fruit,		need light; seeds and	
		roots, bulb, seed, trunk,		bulbs have a store of	
		branches, and stem).		food inside them.	

	Working scientifically: Use magnifying glasses,  • Draw diagrams  • Keep records		Working scientifically:  • Observe and record, with some accuracy, the growth of a variety of plants as they change over time from a seed or bulb  • Observe similar plants at different stages of growth; Set up a comparative test to show that plants need light and water to stay healthy	
Animals including humans	<ul> <li>To identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.</li> <li>To identify and name a variety of common animals that are carnivores, herbivores and omnivores.</li> <li>To describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets).</li> <li>To 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>Use the local environment to explore and answer questions about animals in their habitat. Understand how to take care of animals taken from their local environment and the need to return them safely after study.</li> <li>Become familiar with the common names of some fish, amphibians, reptiles, birds and mammals, including those that are kept as pets.</li> <li>Learn the names of the main body parts (including head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth) through</li> </ul>	<ul> <li>To notice that animals, including humans, have offspring which grow into adults.</li> <li>To find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</li> <li>To describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</li> </ul>	• Understand the basic needs of animals for survival, as well as the importance of exercise and nutrition for humans • Introduced to the processes of reproduction and growth in animals • Focus on questions that help pupils to recognise growth; they should not be expected to understand how reproduction occurs. • E.g. egg, chick, chicken; egg, caterpillar, pupa, butterfly; spawn, tadpole, frog; lamb, sheep. Growing into adults can include

		games, actions, songs and rhymes.		reference to baby, toddler, child, teenager, and adult.
	<ul> <li>Working scientifically:</li> <li>Compare using videos and photographs</li> <li>Group animals according to what they eat</li> <li>Use their senses to compare different textures, sounds and smells.</li> </ul>		<ul> <li>Working scientifically:</li> <li>Observe through video or first-hand how different animals, including humans, grow</li> <li>Ask questions about what things animals need for survival and what humans need to stay healthy</li> <li>Suggest ways to find answers to their questions</li> </ul>	
Everyday materials	<ul> <li>To distinguish between an object and the material from which it is made</li> <li>To identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</li> <li>To describe the simple physical properties of a variety of everyday materials</li> <li>To compare and group together a variety of everyday materials on the basis of their simple physical properties</li> </ul>	• Explore, name, discuss and raise and answer questions about everyday materials • Become familiar with the names of materials and properties such as: hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof; absorbent/not absorbent; opaque/transparent • Explore and experiment with a wide variety of materials including for example: brick, paper, fabrics, elastic, and foil.	<ul> <li>To identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</li> <li>To find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</li> </ul>	• Identify and discuss the uses of different everyday materials and become familiar with how some materials are used for more than one thing (metal can be used for coins, cans, cars and table legs; wood can be used for matches, floors, and telegraph poles) or different materials are used for the same thing (spoons can be made from plastic, wood, metal, but not normally from glass)

	Working scientifically: • Perform simple tests to explore quis the best material for an umbrellation basket? for curtains? for a bo	? for lining a dog	Working scientifically: • Compare the uses of everyda around the school with materia. • Observe closely, to identify a	uls found in other places nd <b>classify</b> the uses of
	leotard?'		different materials, and record their observations.	
Seasonal changes	<ul> <li>To observe changes across the 4 seasons</li> <li>To observe and describe weather associated with the seasons and how day length varies</li> </ul>	<ul> <li>Observe and talk about changes in the weather and the seasons.</li> <li>Be aware that it is not safe to look directly at the sun, even when wearing dark glasses.</li> </ul>	• To observe and discuss changes across the 4 seasons • To observe and describe weather associated with the seasons and how day length varies. To be introduced to the relationship between day length and Earth's orbit.	

	Working scientifically:	Working scientifically:	
	Make tables and charts about the weather		
	• Make displays of what happens in the world around them,		
	including day length, as the seasons change		
Living things and their habitats		<ul> <li>To explore and compare the differences between things that are living, dead, and things that have never been alive.</li> <li>To 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</li> </ul>	<ul> <li>Understand that all living things have certain characteristics that are essential for keeping them alive and healthy</li> <li>Raise and answer questions that help them to become familiar with the life processes that are</li> </ul>
		animals and plants, and how they depend on each other.  • To identify and name a variety of plants and animals in their habitats, including microhabitats.  • To 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.	common to all living things.  • Pupils should be introduced to the terms 'habitat' (a natural environment or home of a variety of plants and animals) and 'microhabitat' (a very small habitat e.g. for woodlice under stones, logs or leaf litter).

				<ul> <li>Raise and answer questions about the local environment.</li> <li>Identify and study a variety of plants and animals within their habitat and observe how living things depend on each other e.g. plants serving as a source of food and shelter for animals.</li> </ul>
	Working scientifically:		Working scientifically:	
	3 3		Sort and classify things according to whether they	
			are living, dead or were never alive	
			Record their findings using charts	
			Describe how they decided where to place things	
			Explore questions like: 'Is a flame alive? Is a deciduous tree dead in winter?'	
			Talk about ways of answering their questions	
			Construct a simple food chain that includes humans	
			(e.g., grass, cow, human)	
			Describe the conditions in different habitats and	
			microhabitats (under log, on stony path, under bushes)	
			Find out how the conditions affect the number and	
			type(s) of plants and animals t	hat live there.