

Theme	How does this look in EYFS?	How does this look in Year 1?	How does this look in Year 2?
Animals (including humans)	<ul style="list-style-type: none"> Learning about animals and pets in the environment, naming and using vocabulary to describe features Discovering the importance of keeping healthy and hygienic and suggesting ways that they can maintain this 	<ul style="list-style-type: none"> Learning about what animals and humans eat, using scientific terminology e.g. omnivore Classifying and sorting them depending on a range of characteristics e.g. how their bodies are formed Learning scientific names for body parts, both seen and unseen and knowing how certain body parts are linked to our senses Comparing the bodies of different animals and identifying them as: birds, fish, amphibians, reptiles, mammals and invertebrates 	<ul style="list-style-type: none"> Describing what humans and animals need to survive, explaining how they reproduce and continue a 'life cycle.' Learning about a balanced diet and the need to be hygienic
Plants	<ul style="list-style-type: none"> Learning about seeds and how these can grow into plants, when they are taken care of and given sunlight and water Naming some plants 	<ul style="list-style-type: none"> Learning the names of common plants and trees, identifying the parts and common features Planting their own flowers, plants or vegetables and observing how they grow and change Categorising trees into deciduous or evergreen 	<ul style="list-style-type: none"> Learning what plants need to grow and survive and will discover the difference between seeds and bulbs Finding out about how plants reproduce by dispersing their seeds
Seasonal Changes	<ul style="list-style-type: none"> Talking about similarities and differences between the seasons and how this can affect the weather and how we dress Naming and learning about changes that happen within the seasons 	<ul style="list-style-type: none"> Observing changes across the 4 seasons, which they will learn in order Observing and describing changes including the weather and seasons and how this can affect the day light 	<ul style="list-style-type: none"> Continuing to observe the weather and the seasons, linking the learning in Geography (e.g. the equator) to what they have learnt in Science
Materials	<ul style="list-style-type: none"> Using vocabulary to discuss and describe objects in their environment Name materials and recognise that these can be used for different purposes 	<ul style="list-style-type: none"> Naming and sorting a range of materials by their properties and through using their senses Distinguishing between objects and materials 	<ul style="list-style-type: none"> Describing, naming and grouping materials based on their properties Exploring how materials can be changed and finding out about people

		<ul style="list-style-type: none"> Exploring how solid shapes can be changed 	<ul style="list-style-type: none"> who have made new materials e.g. Charles Macintosh Identifying and comparing suitability of materials Gaining an awareness of solids, liquids and gases and what these are
Living things and their habitats	<ul style="list-style-type: none"> Taught to show care and concern for living things Discovering where animals live (habitats) and understanding that living things grow, live and die Understanding the habitat that they live in. Realising that living things have different needs and to help them survive they may live in different habitats 	<ul style="list-style-type: none"> Considering how animals are suited to their environments and knowing that living things live in a variety of habitats. Sorting objects, humans and animals into living and non-living 	<ul style="list-style-type: none"> Matching certain living things to the habitats in which they are living and considering how the habitat support the needs of the animals. Learning about food chains and energy sources Explaining the difference between living and non-living things and classifying whether something is dead, alive or has never been alive Understanding what life processes need to occur for something to be alive (MRS GREN)
Environment	<ul style="list-style-type: none"> Discovering the natural world around them and being taught the importance of the need to care for it Suggesting ways in which they and others can care for the environment, recognising that sometimes humans can also cause harm to it 	<ul style="list-style-type: none"> Learning 3 ways that they can help to protect the planet Finding out about recycling considering why and how we can do this Learning about what happens to waste Introduced to deforestation (link to Geography) Taught that because of humans, habitats have been destroyed 	<ul style="list-style-type: none"> Learning about the 3 Rs – Reduce, Reuse, Recycle and how they can contribute to this in their lives Introduced to Global Warming (through Geography topic) and considering how this impacts life
Working Scientifically	<ul style="list-style-type: none"> Observing the natural world around them and talking about this, sharing what they have noticed, with others (Observing) Using their observations to suggest why things may have happened, how they have 	<ul style="list-style-type: none"> Making observations using their senses and will be taught how to use simple equipment. (Observing) 	<ul style="list-style-type: none"> Comparing several things, making observations on what they have seen, touched, smelt or tasted) to help them answer scientific questions (Observing)

	<p>changed and to notice patterns(Observing)</p> <ul style="list-style-type: none"> • Looking for similarities and differences to classify objects, animals and plants simply (Identifying and Classifying) • Performing simple tests and coming up with ideas for their own investigations (Performing Tests) 	<ul style="list-style-type: none"> • Understanding what a test is and performing simple tests, using simple equipment. (Performing Tests) • Asking questions and answering questions and explaining reasons for their answers regarding scientific concepts (Identifying and Classifying) • Explaining what they have found out e.g. what was similar and what was different using some scientific vocabulary (Identifying and Classifying) • Identifying and classifying what they observe (Identifying and Classifying) • Presenting their work in a variety of different ways e.g. through discussion, using pictures or a chart (Recording Findings) • Sorting objects, animals and materials based on criteria (Identifying and Classifying) • Making predictions (Performing Tests) • Recording and interpreting their findings using standard units (Recording Findings) 	<ul style="list-style-type: none"> • Learning about fair testing and variable and knowing that some things needs to stay the same to make it a fair test (Performing tests) • Suggesting ways in which they can find things out and making predictions about what they think might happen, saying why they think that (Performing tests) • Sorting in a variety of different ways using more than one criterion (Identifying and classifying) • Looking for and identifying patterns/ associations e.g. animals in the arctic mainly have white fur. (Identifying and Classifying) • Measuring accurately in divisions of 1s,2s,5s and 10s, using standard units and drawing conclusions from what they have found out (Recording Findings)
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