



	EYFS	<u>KS1</u>	KS1 Year 1		<u>Year 2</u>			
Term	·		Autumn	Spring	Summer	Autumn	Spring	Summer
Spring: Amazir <b>How are anim</b> Summer: Heal <sup>s</sup>	vellous Me/ Celebrations ng Animals/ Once Upon a Time <b>al homes different to where I live?</b> thy Me/ Sowing and Growing <b>ts need to grow?</b>	Overarching Theme	Marvellous me Dragons How can we keep the dragon dry?	Once upon a time Trees and Seasons How do plants grow?	Journeys – near and far All creatures great and small What does an animal need to survive?	Homes and Habitats <b>What lives here</b> and why? Bright Lights, Big City	Where in the World Secret Garden Can we grow bananas in England?	Superheroes Over the hill and far away
Working Scientifically (additionally see assessment criteria at the foot of the document)	In EYFS children will be encouraged to play, observe and ask. Developing early enquiry skills. What do you see? What do you notice? What do you wonder? Children will be encouraged to carry out independent exploration. Children will develop their observation skills thinking about: What does that remind you of? What do you think will happen next? What do you think might happen if? From an early age, children seek to explore and understand the world around them. Doing, thinking and talking about science is a key part of the EY curriculum. Talk in early science introduces and consolidates new vocabulary and provides opportunities for children to share ideas and build understanding.	<ul> <li>Asking simple questions and recognising that they can be answered in different ways</li> <li>Observing closely, using simple equipment</li> <li>Performing simple tests</li> <li>Identifying and classifying</li> </ul>						
-Learn new vo	ception will be supported through science to: cabulary. s to find out more and to check what has been	Biology		name a variety of com 5, including deciduous		Plants: Observe and describ plants	e how seeds and bu	Ilbs grow into mature





	humans			name parts of	stages in a life		exercise, a balanced
Marvellous Me	including			*I know how to	*I know the basic		*I know why
Autumn	Animals,		Spring 2	Summer 2	Autumn 1		Summer 1
			tree.				
			and leaves of a				
			trunk, branches			temperature)	
			name the roots,			suitable	
			*I know and			light and	
			root of a plant.			healthy (water,	
			stem, leaves and			and stay	
			name the petals,			order to grow	
			*I know and			plants need in	
			common wild and garden plants.			grow into plants *I know what	
			name a variety of			seeds and bulbs	
			*I know and			*I know how	
	Plants		Spring 2			Spring 2	
					and name different s		
					habitats, including micro-habitats Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify		
					Identify and name a variety of plants and animals in their		
			d non-living things.		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.		
		Living things					
		with each ser		ay is associated			
			which part of the boo		<u> </u>	-	
			ame the basic parts o	of the human	living, dead, and thin		-
			nals (fish, amphibians s including pets)	, reptiles, birds	Living things and hat		tween things that are
			compare the structur		right amounts of diffe	••	, and hygiene.
questions to clarify their understanding			vores, herbivores and		Describe the importa		· · · · · · · · · · · · · · · · · · ·
Make comments about what they have heard and ask			name of variety of cor		including humans for		
-Use new vocabulary in different contexts.		mammals.			Find out about and d		
might happen.		Identify and name a variety of common animals including fish, amphibians, reptiles, birds and		, birds and	grow into adults		
and activities, and to explain how things work and why they					Notice that animals, including humans, have offspring which		
<ul> <li>Use talk to help work out problems and organise thinking</li> </ul>		Animals (including humans):		Animals (including humans):			
-Describe events in some detail.		common flowering plants, including trees.		suitable temperature	to grow and stay h	ealthy	
-Articulate their ideas and thoughts in well-formed sentences.		Identify and c	describe the basic stru	icture of	Find out and describe	e how plants need v	vater, light and a





Children will explore their local environment making observations of		*I know how to	the human	cycle for animals		diet and good
the world around them.		sort living and	body that I can	(including humans)		hygiene are
		non-living things	see	(melaamg manana)		important for
		non inving timigs	*I know how to			human
• Describe what they see, hear and feel while they are outside.			link the correct			numan
• Describe what they see, hear and reer while they are outside.			part of the			
			human body to			
			each sense.			
			*I know and			
			name a variety			
			of animals			
			including fish,			
			amphibians,			
			reptiles, birds			
			and mammals.			
			*I classify and			
			know animals			
			by what they			
			eat (carnivore,			
			herbivore and			
			omnivore)			
			*I know how to			
			sort animals			
			into categories			
			(including fish,			
			amphibians,			
			reptiles, birds			
			and mammals)			
			*I know how to			
			sort living and			
			non-living			
			things			
	Living things			Autumn 1	Spring 2	
	and their			*I identify things	*I identify and	
	habitats			that are living,	name plants	
	nabilals					
				dead and never	and animals in a	
				lived	range of	
					habitats	





					*I know how a specific habitat provides for the basic needs of things living there (plants and animals) *I identify and name plants and animals in a range of habitats *I match living things to their habitat *I know how animals find their food *I name some different sources of food for animals *I know and can explain a simple food chain.	*I match living things to their habitat	
Spring	<u>Chemistry</u>	Everyday mat			Everyday materials:		
Amazing Animals:			etween an object and	the material it is	Identify and compare		
How are animal homes different to where I live?		made from Identify and n	name a variety of ever	ryday materials	materials including w paper and cardboard		
Children will learn about a range of different animals and learn about			od, plastic, glass, meta		Find out how the sha		
where different creatures live. They will be able to talk about the		rock			materials can be cha		bending, twisting and
differences between their own environment and those of animals.			simple physical prope	rties of a variety	stretching.		
-Explore the natural world around them.		of everyday n	naterials group together a var	iety of everyday			
-Recognise some environments that are different to the one in which			ne basis of their simpl				
they live.		properties					
-Know some similarities and differences between the natural world	Everyday	Autumn 2					
around them and contrasting environments, drawing on their	materials	*I					
experiences and what has been read in class.		distinguish					





-Understand the effect of changing seasons on the natural world around them.	ob. the ma is r fro *11 ma tha ob ma *11 dif be wo pla gla me wa roo *11 ab pro of ma *11 ob ba the ma	aterial it made om I know the haterials hat an bject is hade from I know the ifference etween bood, lastic, ass, hetal, aster and bock I know bout the roperties f everyday haterials I group bjects ased on		
	Uses of everyday materials			<u>Summer 1</u>





				When making superhero vehicles, the children will be: *I identify and name a range of materials including wood, plastic, metal, glass, brick, rock, paper and cardboard *I know why a material might or might not be used for a specific job *I know how materials can be changed by squashing, bending, twisting and stretching
Summer Move and Groove: Children will learn about their bodies and what we need to keep	Physics	<b>iges:</b> ges across the four se lescribe weather ass	Seasonal changes: No specific content c continually as the sea	nis will be referred to
ourselves healthy.		ow day length varies	continually as the sea	
Know and talk about the different factors that support their overall	Seasonal	Spring 2		
health and wellbeing: - regular physical activity	changes	*I observe an know about		
- healthy eating		change in th		
<ul> <li>toothbrushing</li> <li>sensible amounts of 'screen time'</li> </ul>		seasons *I name the		
- having a good sleep routine		seasons and		
- being a safe pedestrian		know about		
Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the		type of weat		
importance of healthy food choices				
Summer 2				





Children will le including how grow: Explore the na and drawing p Understand so world around matter. Know some sin around them a experiences an	ts need to grow? earn about the changes that happen in the Summer plants grow. They will explore what plants need to itural world around them, making observations ictures of animals and plants ome important processes and changes in the natural them, including the seasons and changing states of milarities and differences between the natural world and contrasting environments, drawing on their nd what has been read in class. the effect of changing seasons on the natural	Through investigating the knowledge and skills above a Year 1       Through investigating the knowledge and skills above a Year 1         Scientist will be able to:       Through investigating the knowledge and skills above a Year 2
criteria:	<ul> <li>-Make comments about what they have heard and ask questions to clarify their understanding</li> <li>-Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.</li> <li>-Explore the natural world around them, making observations and drawing pictures of animals and plants.</li> <li>- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.</li> </ul>	<ul> <li>Know how to ask and answer simple scientific questions (eg. I ask questions such as: Why are flowers different colours? Why do some animals eat meat and others not?)</li> <li>Know how to use simple equipment to make observations (eg. I use a hand lens to see things more clearly; I use binoculars to help me see animals that are in the distance)</li> <li>Know how to to carry out simple tests (eg I set up a test to see which materials keeps things warmest; I know if my test has been successful and can say what I have learned)</li> <li>Know how to identify and classify things (eg I group things according to a criteria I have been asked to consider like animals and plants)</li> <li>Know how to explain to others what they have found out (eg I explain to someone what I have learnt from an investigation I have been involved with; I draw</li> <li>Cleartist win be able to.</li> <li>Know how to ask and answer simple scientific questions (eg I group things according to a investigation I have been involved with; I draw</li> <li>Know how to identify and classify thems such</li> <li>Know how to identify and classify things (eg I group things according to given criteria, ie deciduous and coniferous trees; I classify tiems such</li> </ul>





-Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter	<ul> <li>conclusions from the answers to the question I have asked)</li> <li>Know how to use simple data to answer questions (eg I use measures (within Yr 1 mathematical limits) to help me find out more about the investigations I am considering)</li> </ul>	<ul> <li>as toys according to the material used to make them)</li> <li>Know how to explain to others what they have found out <ul> <li>(eg. I explain to someone why my investigation is fair; I draw conclusions from my fair tests and can explain what I have found out)</li> <li>Know how to use simple data to answer questions <ul> <li>(eg. I use measure (within Yr 2 mathematical limits)</li> <li>to help me find out more about the investigations I am engaged with</li> </ul> </li> </ul></li></ul>
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