

Year group: class 1 and 2		Subject: SCIENCE		
Term 1 - Focus	Outcomes	The link to curriculum aims. Why teach this and why now?	Linked to:	Promoting SMSC
Scientific enquiry and introduction to methods, processes and skills Home Class 1 & 2 Materials	<i>Identify and use their senses to explore the world around them</i> <i>Ask questions and make predictions to find things out out.</i> <ul style="list-style-type: none"> • Use equipment safety • Name senses (sight, touch, smell, hearing, taste) 	Introduction to scientific thinking, many pupils new to school.	<ul style="list-style-type: none"> - Communication and interaction - Self-care and independence - Social, emotional mental health - Cognition and learning - Physical and Sensory 	Social- Listening to other people's ideas Moral- Following safety rules Spiritual- Awe and wonder - the wow of science Cultural- Understand, accept, respect and celebrate your own learning as well as your peers
	<i>Be familiar with key vocabulary:</i> Hard, soft, rough, smooth <i>Practice asking questions to find things out</i>	Links to topics of home and school, learning to explore their environments.		
Term 2 - Focus	Outcomes	The link to curriculum aims. Why teach this and why now?	Linked to:	
Humans: Class 1 & 2 basic body parts inside and out, basic human needs (food, drink, breathing, clothes)	<ul style="list-style-type: none"> • Identify external (cl1) and internal (cl2) body parts • Name / label different body parts and what we need to survive • Measuring different body parts 	So pupils have body awareness and can indicate if they are unwell So pupils are aware of basic needs: food, drink, living, clothing	<ul style="list-style-type: none"> - Communication and interaction - Self-care and independence - Social, emotional mental health - Cognition and learning 	Social - discussing your ideas Moral - social awareness (body autonomy) Spiritual - enjoy learning about oneself, others and the surrounding world
	<ul style="list-style-type: none"> • Name and describe common animals and 	Pupils have awareness of the World around them		

Class 1 & 2 Animals and habitats	<p>their habitats (farm, zoo, hot/cold countries)</p> <ul style="list-style-type: none"> Suggest reasons why animals live where they do (predicting and observing) 	Introduction to differing habitats and environments	- Physical and Sensory	Cultural- Understand, accept, respect and celebrate your own learning as well as your peers
Term 3 - Focus	Outcomes	The link to curriculum aims. Why teach this and why now?	Linked to:	Promoting SMSC
Home Class 1 & 2 Electrical safety, simple forces Animals and nature: Class 1 & 2 - UK animals and local habitats (link to forest skills)	Identify electricity and electrical toys in the home Begin to understand simple forces - push /pull	Safety in the home Links to toys and games topics - how toys move	<ul style="list-style-type: none"> Communication and interaction Self-care and independence Social, emotional mental health Cognition and learning Physical and Sensory 	Social - interaction with peers Moral - online-safety environmental awareness Spiritual- enjoy learning about oneself, others and the surrounding world Cultural- Understand, accept, respect and celebrate your own learning as well as your peers
	<ul style="list-style-type: none"> Name and describe UK animals and their habitats (forest, beach, field etc) Explore where animals live and why (trees, burrows, rivers etc) 	Pupils have increased awareness of the local area around them Suggesting reason why animals live in differing habitats and environments		
Term 4 - Focus	Outcomes	The link to curriculum aims. Why teach this and why now?	Linked to:	
Humans: Class 1 & 2 job of key organs Animals and nature:	<ul style="list-style-type: none"> For pupils to identify major organs and the role they have Link organs together (systems) Identify different parts of plants 	Linked to ourselves topic (cl1) Increased body awareness and understanding of health aspects Awareness of the World around us	<ul style="list-style-type: none"> Communication and interaction Self-care and independence Social, emotional mental health 	

Class 1 & 2 Growing plants for food	<ul style="list-style-type: none">What plants need to grow, plants growing from seeds and which parts of plants we eat	Understanding of where our food comes from	<ul style="list-style-type: none">Cognition and learningPhysical and Sensory	
Term 5 - Focus	Outcomes	The link to curriculum aims. Why teach this and why now?	Linked to:	Promoting SMSC
Class 1 & 2 Chemical safety in the home	Recognise safe and unsafe / dangerous chemicals in the home How to use some chemicals safely	Safety in the home developing science skills	<ul style="list-style-type: none">Communication and interactionSelf-care and independenceSocial, emotional mental healthCognition and learningPhysical and Sensory	Social- Social development between peers Moral- Offer reasoned views on your thoughts. Spiritual- enjoy learning about the surrounding world Cultural- Understand, accept, respect and celebrate your own learning as well as your peers
Environment: Class 1 & 2 - Animal and plant behaviour changes with seasons	Awareness of the seasons and seasonal changes in plants and animals Suggest reasons why animal and plant behaviour changes with the seasons	Increased understanding of the world around them		
Term 6 - Focus	Outcomes	The link to curriculum aims. Why teach this and why now?	Linked to:	
Animals Sun, moon and stars. Day and night. Class 1 & 2 - Sun, moon and stars. Day and night.	Recognise different animal species Recognise day (light) and night (dark)	Increased understanding of the World around them.	<ul style="list-style-type: none">Communication and interactionSelf-care and independenceSocial, emotional mental health	
	Recognise day, night, sun, moon, stars	Increased understanding of the World around them.		

			<ul style="list-style-type: none">- Cognition and learning- Physical and Sensory	
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