









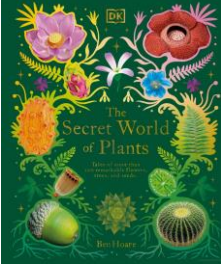

Sir Alexander Fleming Primary School

Science Curriculum Overview 2023/24



Year	Autumn 1	Autumn 2	Spring 1	Spring 2 National Science week	Summer 1 STEMamazing role models	Summer 2
Nursery	<p>Understanding the world</p> <p>Animals including humans, Naming parts of our face/ bodies, human lifecycle – Human life cycle- When I was a baby</p> <p>Materials Sensory play; malleable, sand, water, mud etc</p> <p>Seasonal changes. Autumn leaves and signs. Does everything change in Autumn?</p> 		<p>Understanding the world The Natural World</p> <p>Animals including humans Farm animals</p> <p>Seasonal changes Does everything change in winter and spring? Signs of seasons.</p> 		<p>Understanding the world Science/ The Natural World</p> <p>Animals Pets Zoo animals Minibeasts</p> <p>Plants How do plants grow?</p> 	
Reception / 1	<p>Understanding the world Science/ The Natural World:</p> <p>Animals including humans: Exploring faces including Teeth, Naming parts of our face/ bodies, human lifecycle – When I was a baby</p>		<p>Understanding the world Science/ The Natural World:</p> <p>Materials: Ice and water/ Textures of materials (Art)</p>		<p>Understanding the world Science/ The Natural World:</p> <p>Animals Pets Zoo animals (N) Safari animals (R) Minibeasts</p>	

	<p>Materials: Junk modelling, (Homes) The Three Little Pigs</p> <p>Seasons autumn leaves/ the signs of autumn Does everything change in the Autumn?</p> <p>Hygiene To begin able to manage my basic hygiene and personal care.</p> 	<p>Seasonal changes – does everything change in winter and spring? Signs of the seasons.</p> 	<p>Lifecycle of a butterfly</p> <p>Plants: How do plants grow?</p> 		
1	<p>Animals, including Humans</p> <p>Seasonal Changes: Autumn Tree Identification Deciduous and Evergreen Changes in day length</p> <p><i>PE LINK- Body parts identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</i></p> <p>One Year with Kipper (Mick Inkpen) Snail Trail (Ruth Brown) Superworm (Julia Donaldson & Axel Scheffler)</p>	<p>Everyday Materials</p> <p>The Great Paper Caper (Oliver Jeffers) Who Sank the Boat (Pamela Allen) The Story of Cinderella (Walt Disney)</p> <p>Seasonal Changes: Autumn to Spring</p>	<p>Investigations focus</p> 	<p>Plants</p> <p>Seasonal Changes: Spring and Summer</p> <p>Tree: Seasons Come, Seasons Go (Patricia Hegarty and Britta Teckentrup) A Little Guide to Wild Flowers (Charlotte Voake) The Things That I LOVE about TREES (Chris Butterworth) Harry's Hazelnut (Ruth Parsons)</p>	
2	<p>Animals, including humans</p>	<p>Uses of everyday materials</p> 		<p>Plants</p>	<p>Living things and their habitats</p>

	 <p>The Gruffalo (Julia Donaldson) Meerkat Mail (Emily Gravett) Tadpole's Promise (Jeanne Willis and Tony Ross)</p> <p><i>PE LINK- describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</i></p>		<p>The Tin Forest (Helen Ward) Traction Man (Mini Grey) Three Little Pigs (Lesley Sims)</p>			 <p>The Tin Forest (Helen Ward) Jack and the Beanstalk (Richard Walker) Ten Seeds (Ruth Brown) A Seed Is Sleepy (Dianna Aston)</p>	 <p>The Gruffalo (Julia Donaldson) Meerkat Mail (Emily Gravett) No Place Like Home (Jonathon Emmett)</p>
3	<p>Rocks</p> <p>The Pebble in My Pocket (Meredith Hooper) Stone Girl, Bone Girl (Laurence Anholt) The Street Beneath My Feet (Charlotte Guillain & Yuval Zommer)</p>	<p>Investigation Focus</p>	<p>Animals Including Humans</p> <p><i>PE LINK</i></p> <p><i>identify that humans and some other animals have skeletons and muscles for support, protection and movement</i></p> <p>The Story of Frog Belly Rat Bone (Timothy Basil Ering) Funnybones (Janet and Allan)</p>	<p>Forces and Magnets</p> <p>The Iron Man (Ted Hughes) Mrs Armitage: Queen of the Road (Quentin Blake) Mr Archimedes' Bath (Pamela Allen)</p>	<p>Outdoor Learning: Light</p> <p>The Owl Who Was Afraid of the Dark (Jill Tomlinson) The Dark (Lemony Snicket) The Firework-Maker's Daughter (Philip Pullman)</p>	<p>Plants</p> <p>The Hidden Forest (Jeannie Baker) George and Flora's Secret Garden (Jo Elworthy)</p>	

			Ahlberg) I Will Never Not Ever Eat a Tomato (Lauren Child) Goldilocks and the Three Bears (Samantha Berger)		STEMAZING ROLE MODEL- WORKING SCIENTIFICALLY	
4	Living things and their habitats The Vanishing Rainforest (Richard Platt) The Morning I Met a Whale (Michael Morpurgo) Journey to the River Sea (Eva Ibbotson)	Electricity Until I Met Dudley (Roger McGough) Oscar and the Bird: A Book about Electricity (Geoff Waring) Electrical Wizard: How Nikola Tesla Lit Up the World (Elizabeth Rusch)	Sound Horrid Henry Rocks (Francesca Simon) Moonbird (Joyce Dunbar) The Pied Piper of Hamelin (Natalia Vasquez)	States of matter <i>PE link</i> Once Upon a Raindrop: The Story of Water (James Carter) Sticks (Diane Alber)	STEMAZING ROLE MODEL <i>investigation focus.</i>	Animals including humans Human Body Odyssey (Werner Holzwarth) Crocodiles Don't Brush Their Teeth (Colin Fancy) Wolves (Emily Gravett)
5	Forces c.c. maths – statistics c.c. DT The Enormous Turnip (Katie Daynes) Leonardo's Dream (Hans de Beer) The Aerodynamics of Biscuits (Clare Helen Welsh)	Earth and Space Book – Dr Maggie's Tour of the Solar System The Skies Above My Eyes (Charlotte Guillain & Yuval Zommer) George's Secret Key to the Universe (Lucy and Stephen	Properties of materials Itch (Simon Mayo) Kensuke's Kingdom (Michael Morpurgo) The BFG (Roald Dahl)	Investigation focus PE LINK	Living Things and Their Habitats – c.c. maths – statistics The Land of Neverbelieve (Norman Messenger) Mummy Laid an Egg (Babette Cole)	Animals, Including Humans <i>PE link?</i> Hair in Funny Places (Babette Cole) Giant (Kate Scott) You're Only Old Once! (Dr. Seuss)

		Hawking with Christophe Galfard) The Way Back Home (Oliver Jeffers)				
6	<p>Evolution and inheritance</p> <p>One Smart Fish (Christopher Wormell) The Molliebird (Jules Pottle) Our Family Tree (Lisa Westberg Peters)</p>	<p>Animals including humans</p> <p><i>PE link identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</i></p> <p><i>recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</i></p> <p><i>describe the ways in which nutrients and water are transported within animals, including humans</i></p> <p>Pig-Heart Boy (Malorie Blackman) Skellig (David Almond) A</p>	<p>Electricity</p> <p>Goodnight Mister Tom (Michelle Magorian) Blackout (John Rocco) Hitler's Canary (Sandi Toksvig)</p>	<p>Light</p> <p>Letters from the Lighthouse (Emma Carroll) The Gruffalo's Child (Julia Donaldson) The King Who Banned the Dark (Emily Haworth-Booth)</p>	<p>Light</p> <p>SATS</p>	<p>Living things and their habitats</p> <p>Beetle Boy (M G Leonard) Insect Soup (Barry Louis Polisar) Fur and Feathers (Janet Halfmann)</p> <p>Investigation focus</p>

		Heart Pumping Adventure (Heather Manley)				
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