

Science Curriculum Coverage

Black - chosen Green - NC	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Communication and language 3-4 year olds - Understand 'why' questions, like "Why do you think the caterpillar got so fat?" Reception - Learn new vocabulary. - Ask questions to find out more and to check what has been said to them. - Articulate their ideas and thoughts in well-formed sentences. - Describe events in some detail. - Use talk to work out problems and organise thinking and activities. Explain how things work and why they might happen. - Use new vocabulary in different contexts. ELG: C&L: Listening, attention and understanding - Make comments about what they have heard and ask	Physical development 3-4 year olds - Make healthy choices about food, drink, activity and toothbrushing. Reception - Know and talk about the different factors that support their overall health and wellbeing: regular physical activity, healthy eating, toothbrushing, sensible amounts of 'screen time', having a good sleep routine, being a safe pedestrian.		Personal, Social and Emotional Development ELG: PSED: Managing Self - Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.		Understanding the World: 3 / 4 year olds - Use all their senses in hands-on exploration of natural materials. - Explore collections of materials with similar and/or different properties. - Talk about what they see, using a wide vocabulary. - Begin to make sense of their own life-story and family's history. - Explore how things work. - Plant seeds and care for growing plants. - Understand the key features of the life cycle of a plant and an animal. - Begin to understand the need to respect and care for the natural environment and all living things. - Explore and talk about different forces they can feel.

	questions to clarify their understanding.			- Talk about the differences between materials and changes they notice. Reception - Explore the natural world around them. - Describe what they see, hear and feel while they are outside. Recognise some environments that are different to the one in which they live. - Understand the effect of changing seasons on the natural world around them. ELG: UTW: The Natural World - Explore the natural world around them, making observations and drawing pictures of animals and plants. - Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read
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					in class. - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.	
Y1	PLL: (Nursery - Humans) (Reception - Humans) Ourselves	PLL:(Nursery - Materials, including changing materials) Materials	PLL: Nursey Explore light sources Reception Explore shadows • Explore rainbows Light Sources	PLL: (Nursery – Plants) Explore the natural world around them. (Reception – Living things and their habitats) Plants	(PLL: Nursery - Humans) Name and describe people who are familiar to them. (Reception - Humans) Animals including Humans	PLL: (Nursery – Plants & Animals, excluding humans) (Reception – Seasonal changes) Changes
Y2	PLL:(Y1 - Plants) • and. (Y1 - Animals including humans) (Y1 - Seasonal changes) Living Things	PLL: (Y1 - Animals, including humans) Animals including	PLL:(Y1 - Plants) • and. (Y1 - Animals including humans) (Y1 - Seasonal changes) Habitats	PLL: (Y1 - Plants) Plants	PLL: (Y1 - Everyday materials) Materials	PLL: Y1 - Everyday materials) Materials

		Humans Lifecycles and diet				
Y3	PLL: (Y1 - Animals, including humans) (Y2 - Animals, including humans)	PLL: (Y1 - Everyday materials) (Y2 - Uses of everyday materials)	PLL: (Nursery – Forces) (Reception – Forces) (Y2 - Uses of everyday materials)	PLL: (Y2 - Plants)	PLL: (Nursery – Light) (Reception – Light) (Y1 – Anima ls, including humans) (Y1 - Materials)	PLL: (Y1 - Animals, including humans) (Y2 - Animals, including humans)
	Animals including Humans Skeletons	Rocks	Forces and Magnets	Plants	Light and Shadows	Eating and Nutrition
Y4	PLL: (Y1 - Animals, including humans) (Y2 - Animals, including humans) (31 - Animals, including humans)	PLL: (Nursery - Electricity)	PLL: (Nursery – Sound) (Reception – Sound) (Y1 - Everyday materials) (Y2 - Uses of everyday materials)	PLL: (Y1 - Animals, including humans) (Y2 - Animals, including humans) (31 - Animals, including humans)	PLL: (Y1 - Plants) (Y1 - Animals including humans) (Y2 - Living things and their habitats)	PLL: (Y1 - Animals, including humans) (Y2 - Animals, including humans) (31 - Animals, including humans)
	Animals including Humans	Electricity	Sound and Hearing (TO)	Human Body	Habitats	Food Chains

	Digestive system		States of Matter (YO)			Animals including Humans
Y5	PLL: (Reception – Earth and space) (Y1 - Seasonal changes) Earth, Sun and Moon	PLL: (Y2 - Uses of everyday materials) (Y3 - Forces and magnets) (Y4 - States of matter) Reversible and Irreversible Changes	PLL: (Y2 - Animals, including humans) (Y3 - Plants) Lifecycles Living Things and their habitats Plants	PLL: (Y2 - Uses of everyday materials) (Y3 - Forces and magnets) (Y4 - States of matter) Materials Irreversible Changes	PLL: (Y3 - Forces and magnets) Forces	(PLL Y2 (Animals, including humans) Gases all around us Animals including humans
Y6	PLL: (Y2 - Animals, including humans) (Y3 - Animals, including humans) (Y4 - Animals, including humans) Animals (including humans) Circulatory system	PLL: (Y4 - Living things and their habitats) (Y5 - Living things and their habitats) Living things and their Habitats (Interdependence)	PLL: (Y3 - Light) (Y5 - Properties and changes of materials) How We See Things (Light)	PLL: (Y4 - Electricity) Electricity	PLL: (Y2 - Living things and their habitats) (Y2 - Animals, including humans) (Y3 - Plants) (Y3 - Rocks) (Y4 - Living things and their habitats) (Y5 - Living things and their habitats) Evolution and inheritance	

