

Science Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	ELG: 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 in class;		- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.	
Year 1	Humans – The human body (5 weeks) Seasonal changes (1 lessons)	Materials (5 weeks) Seasonal changes (1 lesson)	Plants – Planting A (1 lesson) Animals (6 weeks)	Sustainability – Caring for the planet (2 lesson) Seasonal changes (1 lessons) Plants – Planting B (1 lesson)	Plants (5 weeks) Planting C (1 lesson)	Sustainability – Growing and cooking (2 lessons) Seasonal changes (1 lesson)
Year 2	Animals including humans – Animals' needs for survival (4 weeks) Humans (2 lessons)	Materials (5 weeks) Plastic (1 lesson)	Plants – light and dark (3 lessons) Living things and their habitats (3 lessons)	Living things and their habitats (4 lessons) Plants – light and dark (1 lesson)	Plants – bulbs and seeds (2 lessons) Animals including humans – Growing up	Plants – bulbs and seeds (1 lesson) Animals including humans – Growing up (1 lesson) Sustainability – Wildlife (2 lessons)

Year 3	Animals including humans – - Skeletons (3 weeks) - Movement (1 week) - Nutrition and Diet (3 weeks)	Sustainability – Food waste (1 week) Rocks – (3 weeks)	Rocks – - Fossils (2 weeks) - Soils (2 weeks)	Light – (6 weeks)	Plants – A (5 weeks) Forces (3 weeks)	Magnets (2 weeks) Plants B (1 lesson) Biodiversity (1 week)
Year 4	Living things and their habitats - Group and classify (3 weeks) Data collection A (1 week)	States of Matter (7 weeks)	Sound (5 weeks) Data collection B (1 week)	Electricity (4 weeks) Sustainability – Energy (1 week)	Data collection C (2 week) Living things and their habitats – Habitats (2 weeks) Sustainability – Deforestation (1 week)	Animals, including humans - The digestive system (4 weeks) Food chains (2 weeks)
Year 5	Forces (5 weeks)	Space (4 weeks) Sustainability – Global warming (1 lesson)	Changes of materials – Properties of materials (5 weeks) Animals including humans (2 weeks)	Animals, including humans (3 weeks) Life cycles (3 weeks)	Animals, including humans - Reproduction A (3 weeks) Changes of materials – reversible and irreversible changes (3 weeks)	Sustainability – Plastic pollution (1 lesson) Animals, including humans - Reproduction B (2 weeks)
Year 6	Living things and their habitats (6 weeks)	Electricity (5 weeks) Sustainability - Renewable energy (1 week)	Light (5 weeks) Sustainability – Light pollution (1 lesson)	Animals, including humans – The circulatory system (3 weeks) Diet, drugs and lifestyle (3 weeks)	Evolution and inheritance – Variation (2 weeks) Adaptations (3 weeks)	Evolution and inheritance – Fossils (2 weeks) Themed projects

