

Science Key Concepts & Whole-School Long-term Plan

Animals including humans	Living things & their habitats	Plants	Mixture of concepts	Geology	Forces	Earth and Space/ seasons	Energy (light and sound)	Electricity	Materials	Evolution
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Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
1	Everyday materials – sorting, classifying and properties	Light and Dark	Transport	Animals including humans – mammals & birds in the local area	Animals including humans – mammals, birds, reptiles and mammals in the rainforests	Plants
		Seasons/plants		Seasons/plants		Seasons
2	Animals including humans Forces	Plants – all about seeds	Everyday materials	Everyday materials	Living things and their habitats – conservation of native animals	Living things and their habitats/plants- how to survive in hot climates
3	Light	Animals including humans – movement and health	Rocks and Fossils	Plants	Forces - Friction	Forces - magnetism
	Electricity	Changing materials – Solids, liquids and gases and changing state	Animals including humans – the digestive system	Sound	Living things and their habitats – classification	Living things and their habitats – Local study and water cycle
5	Space	Forces - resistance	Forces – simple machines	Materials – separating materials	Materials – properties of materials	Animals including humans/plants – lifecycles, reproduction and growth
	Light	Living things and their habitats - classification	Evolution	Animals including humans – movement and health	Revisiting Science	Child-led investigation and transition project
Electricity						