

Overview by term – Whole School

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	ELG: The Natural World –	Materials 1 - name, group everyday materials/properties 2 - suitability of materials, changing objects Seasons - Autumn	Humans 2 - exercise, diet, hygiene	Rocks and Fossils 3 - grouping, fossils, soil	Electricity 4- appliances, simple circuits inc. switches	Materials 4 - changes of state (S,L,G), water cycle 5 -compare properties, dissolving/separating, types of changes	Living Things 6 - circulatory system, lifestyle, 6 - classification of plants and animals
A2	processes, changes in the natural world around them, seasons	FB: Animals (EYFS) Seasons - Winter	FB: Y1 Materials	FB: Y2 Animals inc humans	FB: Y3 Light and Sound	FB: Forces (magnets)	FB: Y5 Forces FB: Y5 Materials
Spring 1	changes in the natural world around them, seasons	Humans 1 - body parts, senses	Animals 1 - animals groups 2 - offspring, basic needs	Plants 3- functions of different parts, needs, lifecycle 4 - classification keys, changing environments	Animals 3 - nutrition, skeletons and muscles 4 - digestive system, teeth, food chains	Earth, Space and Forces 5- gravity, friction, levers, gears, pulleys 5 - solar system, day and night, sun	Light and Electricity 6 - how we see/light travels/shadows change 6 -varying voltage, electrical symbols
Sp 2	seasons	FB: Materials Seasons - Spring	FB: Y1 Plants	FB: Rocks and Fossils	FB: Electricity	FB: Materials	FB: Living Things FB: Rocks and Fossils
Summer 1	changing states of matter	Plants 1 - common plants, basic structure 2 - growth from seeds, basic needs	Habitats 1 - alive, habitats (needs), food chains	Light and Sound 4 - sounds made/ travel, pitch, volume 3 - Light/dark, reflection, sun, shadows	Forces and magnets 3 - Effect of forces, magnets (magnetic)	Living Things 5 - changes as humans develop to old age 5 - compare life cycles, reproduction (inc. plants)	Evolution and inheritance 6 - evidence (fossils), inheritance, adaptation
Su 2		Seasonal changes 1 - changes across the four seasons	FB: Seasonal changes	FB: Plants	FB: Animals	FB: Earth, Space	FB: Light and Electricity

Block teaching: Immersive teaching, taught several times each week over 4 weeks (approx.)

FB: Flashback sessions (30mins/week) to cover previous learning, which must include the units identified above. Sessions also used for AfL, gap-filling and additional ‘Working Scientifically’ (disciplinary) learning

Minimum 20hrs/term = Block 12hrs, FB sessions 8hrs (equivalent to 1 ½ p/w)

Overview by topic – Whole School

EYFS ELG: Understanding the 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	Year 2	Year 3	Year 4	Year 5	Year 6
Plants	Plants 1 - common plants, basic structure 2 - growth from seeds, basic needs		Plants 3- functions of different parts, needs, lifecycle 4 - classification keys, changing environments			
Animals inc. humans	Humans 1 - body parts, senses	Humans 2 - exercise, diet, hygiene Animals 1 - animals groups 2 - offspring, basic needs		Animals 3 - nutrition, skeletons and muscles 4 - digestive system, teeth, food chains	Living Things 5 - changes as humans develop to old age	Living Things 6 - circulatory system, lifestyle,
Living Things, habitats		Habitats 2 - alive, habitats (needs), food chains			5 - compare life cycles, reproduction (inc. plants)	6 - classification of plants and animals
Evolution						Evolution and inheritance 6 - evidence (fossils), inheritance, adaptation
Materials States of Matter	Materials 1 - name, group everyday materials/properties 2 - suitability of materials, changing objects				Materials 4 - changes of state (S,L,G), water cycle 5 - compare properties, dissolving/separating, types of changes	

Rocks			Rocks and Fossils 3 - grouping, fossils, soil			
Seasonal Changes	Seasonal changes 1 - changes across the four seasons					
Light Sound Electricity			Light and Sound 4 - sounds made/travel, pitch, volume 3 - Light/dark, reflection, sun, shadows	Electricity 4- appliances, simple circuits inc. switches		Light and Electricity 6 - how we see/light travels/shadows change 6 -varying voltage, electrical symbols
Forces, magnets				Forces and magnets 3 - Effect of forces, magnets (magnetic)	Earth, Space and Forces 5- gravity, friction, levers, gears, pulleys 5 - solar system, day and night, sun	
Earth and Space						

EYFS Science coverage (Understanding the World)

	Getting to know Me and Once Upon a Rhyme	Autumn Time and Festivals	Once Upon a Time: Traditional Tales	Under Our Feet	Plants and Growing and Minibeasts	On the Move
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	<p>Materials Comparing and naming a range of different natural and man-made materials through play experiences and talk about their properties.</p> <p>Can we make a safe landing for Humpty Dumpty (choosing a suitable material based on property)</p>	<p>Season of Autumn: -observing and describing changes. -looking at the influence of the season on people and animals. -light and dark, shadows.</p>	<p>Animal classification: Farm and Zoo. Naming and describing.</p>	<p>Season of Spring: -observing and describing changes. -looking at the influence of the season on people and animals.</p> <p>New Life: Eggs - creatures that hatch from an egg. Life Cycle of a chick.</p>	<p>Growing plants: Naming basic plant parts and insects.</p> <p>Observing and describing how plants grow. Vocab: seed, soil, light, heat, water.</p> <p>Animal habitats: Exploring and comparing.</p> <p>Features of living creatures: Observing and comparing</p> <p>Life Cycle of a butterfly</p>	<p>Season of Summer: -observing and describing changes. -looking at the influence of the season on people and animals.</p> <p>Exploring Forces: Through play with a range of toy vehicles Push and pull Floating and sinking Air</p>