

**Overview by term – Whole School**

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

## 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.

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
Plants	<b>Plants (Autumn 1)</b> 1 - common plants, basic structure 2 - growth from seeds, basic needs		<b>Plants (Autumn 1)</b> 3- functions of different parts, needs, lifecycle 4 - classification keys, changing environments			
Animals inc. humans		<b>Humans (Autumn 1)</b> 1 - body parts, senses 2 - exercise, diet, hygiene <b>Animals (Spring 2)</b> 1 - animals groups 2 - offspring, basic needs		<b>Animals (Autumn 1)</b> 3 - nutrition, skeletons and muscles 4 - digestive system, teeth, food chains	<b>Living Things (Autumn 1)</b> 5 - changes as humans develop to old age	<b>Living Things (Spring 2)</b> 6 - circulatory system, lifestyle,
Living Things, habitats		<b>Habitats (Summer 2)</b> 1 - alive, habitats (needs), food chains			5 - compare life cycles, reproduction (inc. plants)	6 - classification of plants and animals
Evolution						<b>Evolution and inheritance (Summer 2)</b> 6 - evidence (fossils), inheritance, adaptation

Materials States of Matter	<b>Materials (Spring 2)</b> 1 - name, group everyday materials/properties 2 - suitability of materials, changing objects				<b>Materials (Summer 2)</b> 4 - changes of state (S,L,G), water cycle 5 -compare properties, dissolving/separating, types of changes	
Rocks			<b>Rocks and Fossils (Spring 2)</b> 3 - grouping, fossils, soil			
Seasonal Changes	<b>Seasonal changes (Summer 2)</b> 1 - changes across the four seasons					
Light Sound Electricity			<b>Light and Sound (Summer 2)</b> 4 - sounds made/travel, pitch, volume 3 - Light/dark, reflection, sun, shadows	<b>Electricity (Summer 2)</b> 4- appliances, simple circuits inc. switches		<b>Light and Electricity (Autumn 1)</b> 6 - how we see/light travels/shadows change 6 -varying voltage, electrical symbols
Forces, magnets				<b>Forces and magnets (Spring 2)</b> 3 - Effect of forces, magnets (magnetic)	<b>Earth, Space and Forces (Spring 2)</b> 5- gravity, friction, levers, gears, pulleys	
Earth and Space						5 - solar system, day and night, sun

### EYFS Science coverage (Understanding the World)

	<b>Getting to know Me and Once Upon a Rhyme</b>	<b>Autumn Time and Festivals</b>	<b>Once Upon a Time: Traditional Tales</b>	<b>Under Our Feet</b>	<b>Plants and Growing and Minibeasts</b>	<b>On the Move</b>
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Science</b>	<p><b>Materials</b> 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><b>Season of Autumn:</b> -observing and describing changes. -looking at the influence of the season on people and animals. -light and dark, shadows.</p>	<p><b>Animal classification:</b> Farm and Zoo. Naming and describing.</p>	<p><b>Season of Spring:</b> -observing and describing changes. -looking at the influence of the season on people and animals.</p> <p><b>New Life:</b> Eggs - creatures that hatch from an egg. <b>Life Cycle</b> of a chick.</p>	<p><b>Growing plants:</b> Naming basic plant parts and insects.  Observing and describing how plants grow. Vocab: seed, soil, light, heat, water.</p> <p><b>Animal habitats:</b> Exploring and comparing.</p> <p><b>Features of living creatures:</b> Observing and comparing</p> <p><b>Life Cycle</b> of a butterfly</p>	<p><b>Season of Summer:</b> -observing and describing changes. -looking at the influence of the season on people and animals.</p> <p><b>Exploring Forces:</b> Through play with a range of toy vehicles Push and pull Floating and sinking Air</p>