



## Science – Curriculum Overview



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<b>Seasons</b> – autumn, winter		<b>Seasons</b> – winter, spring		<b>Seasons</b> – spring, summer	
	<b>Animals &amp; Insects</b> – nocturnal, hibernating, woodland		<b>Animals &amp; Insects</b> – animals from cold countries, herbivores, carnivores		<b>Animals &amp; Insects</b> – insects, animals from hot countries	
	<b>Plants &amp; Trees</b> – which plants/trees grow in our garden/local environment		<b>Plants &amp; Trees</b> – planting seeds		<b>Plants &amp; Trees</b> – how to take care of the plants/trees in our environment	
Year A Year 1/2	<b>Seasonal Change</b> – Autumn / Winter	<b>Biology</b> <b>Living Things and their Habitats</b> , Living, dead, never alive Habitats, microhabitats, food chains & sources	<b>Seasonal Change</b> – Winter / Spring	<b>Biology</b> <b>Plants</b> Identify, structure, growth, survival	<b>Seasonal Change</b> – Spring / Summer	<b>Biology</b> <b>Animals Including Humans</b> Body parts, senses, food & exercise
Year B Year 1/2	<b>Seasonal Change</b> – Autumn / Winter	<b>Chemistry</b> <b>Everyday Materials (Y1)</b> Identify, purpose <b>Materials (Y2)</b> Properties, change by force	<b>Seasonal Change</b> – Winter / Spring	<b>Biology</b> <b>Animals Inc. Humans</b> Identify animals inc. carnivores, herbivores & omnivores	<b>Seasonal Change</b> – Spring / Summer	<b>Biology</b> <b>Animals Including Humans</b> Offspring, life cycles (inc. humans), survival
Year A Year 3/4	<b>Chemistry</b> <b>Materials</b> Rocks, fossils, soil	<b>Physics</b> <b>Light</b> Light sources, lights effect on materials	<b>Biology</b> <b>Plants</b> Function, pollination, making food		<b>Physics</b> <b>Forces</b> Magnets	<b>Biology</b> <b>Animals Including Humans</b> Skeletons & movement, nutrition
Year B Year 3/4	<b>Chemistry</b> <b>Materials</b> States of matter	<b>Physics</b> <b>Sound</b> How sound is made, travel, pitch & volume	<b>Biology</b> <b>Living Things and their Habitats</b> Classification, Environmental Change		<b>Physics</b> <b>Electricity</b> Electrical circuits	<b>Biology</b> <b>Animals Including Humans</b> Teeth, digestion, food chains
Year A Year 5/6	<b>Chemistry</b> <b>Materials</b> Properties & changes	<b>Physics</b> <b>Earth &amp; Space</b> Solar system, moon, earths rotation	<b>Biology</b> <b>Living Things and their Habitats</b> Life cycles, reproduction of plants/animals		<b>Physics</b> <b>Forces</b> Gravity, air/water resistance, friction	<b>Biology</b> <b>Animals Including Humans</b> Human Growth
Year B Year 5/6	<b>Biology</b> <b>Animals Including Humans</b> Circulatory system	<b>Physics</b> <b>Light</b> How light travels	<b>Biology</b> <b>Living Things and their Habitats</b> Classification, Variation, Adaptation		<b>Physics</b> <b>Electricity</b> Controlling electrical circuits	<b>Biology</b> <b>Animals Including Humans</b> Evolution



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Longitudinal Study – Seasonal Change			
Early Years	Weekly weather tracker – 5 days (5 frame)	U+W ELG	Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
Year 1/2	Weather tracker – seasonal, monthly	NC Objective	Observe changes across the four seasons Observe and describe weather associated with the seasons and how day length varies.
Year 3/4	Temperature tracker - throughout the year – colour coded		Recognise that environments can change and that this can sometimes pose danger to living things.
Year 5/6	Temperature tracker – throughout the year – digital thermometer		Recognise that environments can change and that this can sometimes pose danger to living things.

