



# Science Curriculum Overview

## Whole School 2025-2026

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	EYFS curriculum followed in line with child led initiatives. Understanding the world: The Natural World Children learn to make sense of their immediate world around them through experiences in and out of the classroom including familiarity with materials, plants, animals including themselves and seasons. They use observation & exploration to prompt questioning and understanding considering why things happen and how things work. They consider care for themselves and respect for all living things. Through conversation, shared experiences, stories, non-fiction texts and rhymes, children will develop their vocabulary of language which links to science.					
Year 1	Animals Including Humans (Humans) Seasonal Change	Everyday Materials (Naming materials) Seasonal Change	Animals Including Humans (Animal groups) Forest School Seasonal Change		Plants Seasonal Change	Beginning as Scientists Seasonal Change
Year 2	Living Things & Their Habitats Forest School	Animals Including Humans	Uses of Materials		Plants	
Year 3/4 (A)	Animals Including Humans Forest School		Rocks	Forces Forest School	Plants	Light
Year 3/4 (B)	Sound	Electricity Forest School	Animals Including Humans	States of Matter Forest School	Living Things & Their Habitats	
Year 5	Forces	Properties of Materials	Animals Including Humans	Earth & Space Forest School	Changes in Materials Forest School	Living Things & Their Habitats
Year 6	Light	Living Things & Their Habitats	Electricity	Evolution	Animals Including Humans Forest School	



**EYFS**

**1**

**2**

**3**

**A**

**5**

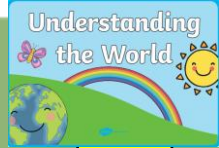
**4**

**B**

**6**

# Upton Westlea Primary School Curriculum Road Map Science: Biology

**EYFS**



**Understanding the World**  
Science is taught through the area of Understanding the World and we encourage the children to explore, problem solve, observe, predict, think, make decisions and talk about the world around them.

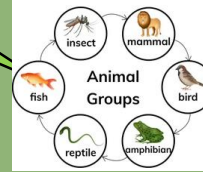
**1**

Animals inc. humans – Human bodies & Senses

David Attenborough & Jane Goodall



Animals inc. humans – Animal groups & structures, carnivores, herbivores, omnivores



Plants – basic structure, common flowers and trees



**2**

Plants – structure, function & lifecycle



Marie Curie

Animals inc. Humans – Skeletons, muscles and nutrition

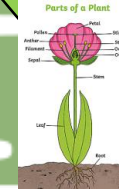


**3**

Plants – where plants come from, needs



Jane Colding



Living things & their habitats – MRS GREN, habitats, basic food chains

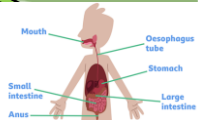
Animals inc. Humans – offspring, needs & healthy living

**4**

Animals inc Humans – digestive system, teeth, food chains/webs



William Beaumont



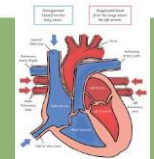
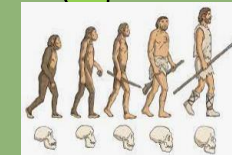
Rachel Carson

Living things & their habitats – plant & animal lifecycles inc. reproduction



Carl Linnaeus

Evolution and inheritance – variation, adaptation, natural selection



Animals inc. Humans – circulatory system

**5**

Living Things & their habitats – classification keys, habitat improvement & destruction



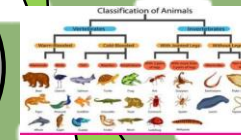
Animals inc. Humans – Human lifecycle



Roger Arliner Young

**6**

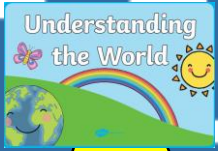
Living things and their habitats - classification



Charles Darwin



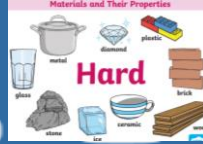
**EYFS**



**Understanding the World**  
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**Everyday Materials – Naming Materials; Simple properties**

**1**



**2**



**Uses of Materials – comparing materials for jobs, changing solid materials**

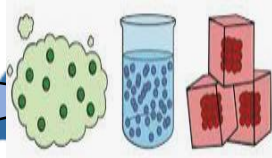


**Charles Macintosh**



**Anjana Khatwa**

**4**



**States of matter – compare and group materials by state, freezing and boiling points, water cycle**

**5**

**Properties of Materials – compare and group materials by property, separation, dissolving**



**Rocks – compare rock types, fossil formation, soil**

**3**

**Properties of materials recapped in Light & Electricity topics, fossil formation recapped in Evolution topic**

**6**

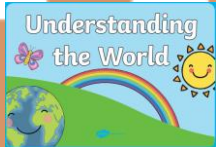


**Changes of Materials – reversible and irreversible changes**





EYFS



**Understanding the World**  
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1

Weather and changes in day length discussed in seasonal change, light might be discussed in materials

2

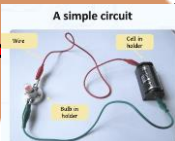
Forces, light, states of matter might be discussed in materials topic

Forces and magnets – pushes, pulls, magnetic materials and effect of magnets

3

Sound – what are sounds,, pitch, volume, effect of distance

Electricity – sources, dangers, simple circuits, conductors & insulators

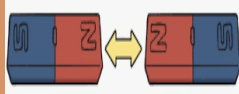


4



Percy Shaw

Light – we see using light, reflections, shadows



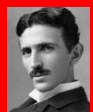
Earth and Space – Solar system, day & night, seasons

Maggie Aderin-Pocock



Electricity – circuits, how components function, circuit symbols

Nikola Tesla



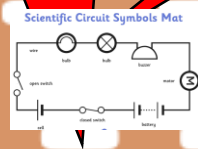
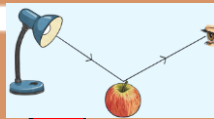
5



6

Forces – gravity, friction air/water resistance, machines

Light – how light moves, how we see, shadow shapes



Sir Isaac Newton

