

Science overview

Larch, Beech, Willow (years 1 and 2) - 2024/25

Cycle A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Enquiry Driver	PSHE and History		Science		Geography	
TOPIC NAME			Magnificent Materials			
KEY QUESTION			Which materials would be best to build a house?			
Science <i>Working Scientifically</i> <i>(ongoing development):</i>	Biology My Body	Physics Technology Through Time	Physics Everyday Materials	Physics Exploring Everyday Materials	Biology Identifying Plants	Biology Identifying Animals
	Identify and classify; observe closely, using simple equipment; perform simple tests; use observation and ideas to suggest answers to questions; gather and record data;					

Maple, Woodlands, Chestnut (years 3 and 4) - 2024/25

Cycle A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Enquiry Driver						
TOPIC NAME						
KEY QUESTION						

Science <i>Working Scientifically (ongoing development):</i>	Biology Health and Movement	Physics Circuits and Conductors	What do Scientists do?	Biology How plants grow	Biology Rocks, Fossils and Soils	Chemistry States of Matter
	<i>Recording data; Identifying scientific evidence; Setting up simple practical enquiries, comparative and fair tests; Report and present findings; Use results to draw simple conclusions, make predictions, suggest improvements; take accurate measurements using a range of equipment.</i>					

Sycamore, Elm and Oak Class (year 5 and 6) - 2024/25

Cycle A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
ENQUIRY DRIVER	PSHE then Geography		History		Science	History
TOPIC NAME					Blood Heart	
KEY QUESTION					Is it possible for a heart to break?	
Science	Physics Changing Circuits	Biology Evolution and Inheritance	Physics Seeing Light	Biology Classifying Organisms David Attenborough	Biology Healthy Bodies	
<i>Working Scientifically (ongoing development):</i>		Great British Scientists: Anning, Wallace and Darwin's Evolution (3)				
<i>Working Scientifically (ongoing development): Identify and classify; observe closely, using simple equipment; perform simple tests; use observation and ideas to suggest answers to questions; gather and record data;</i>						

Larch, Beech, Willow (years 1 and 2) - 2025/26

Cycle B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Enquiry Driver	PSHE then History		Geography		Science	
TOPIC NAME					Four legged Friends Eco - Endangered animals/deforestation	
KEY QUESTION					How can we protect endangered friends?	
Science <i>Working Scientifically (ongoing development):</i>	Biology Seasonal Changes		Biology Identifying Habitats	Biology Growing Plants	Biology Pets and Gardens	Biology Growth and Survival
<i>Working Scientifically (ongoing development): Identify and classify; observe closely, using simple equipment; perform simple tests; use observation and ideas to suggest answers to questions; gather and record data;</i>						

Cycle B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
ENQUIRY DRIVER	PSHE then Geography		History	History	History	Science
TOPIC NAME						Stargazer

Maple, Woodlands, Chestnut (years 3 and 4) - 2025/26

Cycle B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Enquiry Driver	PSHE then Geography		History	Geography	History	
TOPIC NAME						
KEY QUESTION						
Science <i>Working Scientifically (ongoing development):</i>	Biology Living In Environments	Physics Forces and Magnets	Physics Light and Shadow	Physics Changing Sound	Science Eating and Digestion	Physics Great British Scientists: Newton's Laws (1) Newton Colour and Light(2) Flemings Antibiotics (5)
Recording data; Identifying scientific evidence; Setting up simple practical enquiries, comparative and fair tests; Report and present findings; Use results to draw simple conclusions, make predictions, suggest improvements; take accurate measurements using a range of equipment.						

Sycamore, Elm and Oak Class (year 5 and 6) - 2025/26

KEY QUESTION				What affect does the sun and moon have on the Earth?
Science <i>Working Scientifically (ongoing development):</i>	Chemistry Properties and Changes in Materials	Physics Forces in Action Great British Scientists: Gears (6)	Biology Life Explorers Changes, Growth and Reproduction	Physics Earth and Space Great British Scientist : Hawking, Black Holes and Gravity (4)
Working Scientifically (ongoing development): Identify and classify; observe closely, using simple equipment; perform simple tests; use observation and ideas to suggest answers to questions; gather and record data;				