St. Joseph's Catholic Primary School

Science Long Term Planning

	Autumn	Spring	Summer
Class 1 (EYFS)	**The Natural World** • Explore the natural world around them, making observations and drawing pictures of animals and plants. • Understanding some important processes and changes in the natural world around them, including seasons and changing states of matter		
Class 1 (Year 1)	Seasonal changes and daily weather Introduce Plants – (trees) Animals, including humans	Everyday materials Revisit 1: Animals, including humans	Plants Revisit 2: Plants, Animals including humans
Cycle 1 (B) 2024 – 2025 (Year 3)	Rocks Animals, including humans Revisit Rocks	Forces and magnets Plants	Plants continued Light
Cycle 2 (A) 2025 – 2026 (Year 2)	Living things and their habitats Animals, including humans	Uses of everyday materials Revisit Living things and their habitats / materials	Plants Revisit Living things and their habitats / Animals, including humans
Cycle 1 (B) 2024 – 2025 (Year 5)	Properties and changes of materials Animals, including humans	Forces (Gravity and Galileo) Earth in space	Living things and their habitats Forces continued
Cycle 1 (A) 2025 – 2026 (Year 4)	Living things and their habitats States of matter	Animals, including humans	Electricity Sound
CLASS 4	Evolution and inheritance Animals including humans (circulatory system)	Animals including humans (water transport) Light	Living things and their habitats Electricity

Class 1 – Rec/Y1

Class 1 Year 1	Strong Start	AUTUMN TERM			Strong Start	SPRING TERM		Strong Start	SUMMER TERM	
	Science – Becoming A Scientist Observation	Y1 Seasonal Changes and Weather	Y1 Introduce Plants (trees)	Y1 Introduce Animals including humans	Science – Becoming A Scientist Performing Simple Tests	Y1 Everyday Materials	Y1 Revisit 1 Animals including Humans	Science – Becoming A Scientist Gathering and recording data to help in answering questions	Y1 Plants	Y1 Second Revisit Animals and Plants
		6 Sessions	3 sessions (+1 enrich)	5 sessions (+1 enrichment		6 Sessions	5 sessions (+2)		5 sessions (+2)	6 sessions (+3)

Class 2 – Year 2/3

		Year B									
	Strong Start	AUTUMN TERM			Strong Start	SRPING TERM			Strong Start	SUMMER TERM	
Class 2 Year 3	Science – Becoming A Scientist Comparative tests	Y3 Rocks	Y3 Animals including humans	Y3 Revisit Rocks	Science – Becoming A Scientist Recording findings	Y3 Forces and Magnets	Ref	Y3 Plants	Science – Becoming A Scientist Using data to draw simple conclusions	Y3 Plants	Y3 Light
		6 Sessions	4 sessions (+1)	3 sessions (+1 enrichment)		6 Sessions	5 sessions (+2)			5 sessions (+2)	6 sessions (+3)

		Year A									
	Strong Start	AUTUMN TERM			Strong Start	SPRING TERM			Strong Start	SUMMER TERM	
Class 2 Year 2	Science – Becoming A Scientist Comparing and classifying	Ref	Y2 Living things and their Habitats	Ref Y2 Introduce Animals including humans	Science – Becoming A Scientist Asking simple questions and recognising they can be answered in different ways	Ref	Y2 Uses of Everyday Materials	Ref Y2 – Revisit Living Things/materials	Science – Becoming A Scientist Using observations and ideas to suggest answers to questions	Y2 Plants	Y2 – Revisit living things and their habitats
		6 Sessions		6 Sessions		6 Sessions		5 sessions (+2)		6 Sessions	5 sessions (+2)

Class 3 -Year 4/5

	Year B															
Class 3 Year 5	Strong Start	AUTUMN TERM				Strong Start	SRPING TERM				Strong Start	SUMMER TERM				
	Science – Becoming A Scientist Recognising and controlling variables.	Ref	Y5 Properties and changes of materials		Y5 Animals including humans	Science – Becoming A Scientist Measuring accurately.		Y5 Forces	Ref	Y5 Earth and Space	Science – Becoming A Scientist Drawing and explaining conclusions.	Ref	Y5 Living Things and Their Habitats	Ref	Y5 Forces Continued
		8 Sessions (+2)		5 sessions (+2)			5 Sessions (+1)		5 sessions (+1)			6 sessions		5 sessions (+2)		

	Year A															
Class 3 Year 4	Strong Start	AUTUMN TERM				Strong Start	SRPING TERM				Strong Start	SUMMER TERM				
	Science – Becoming A Scientist Identifying suitable types of enquiry to answer scientific questions	Ref	Y4 Living Things and Their Habitats	Ref	Y4 States of Matter	Science – Becoming A Scientist Gather data in a variety of ways to help answer questions	Ref	Y4 Animals Including Humans			Science – Becoming A Scientist Making systematic and careful observations and measurements, deciding on the most appropriate equipment to use	Ref	Y4 Electricity		Y4 Sound
		6 Sessions		7 sessions (+1 enrich opp = +2)			11 sessions (+2)					5 sessions (+2)		6 sessions (+3)		

Class 4 – Year 6

	Year A/B															
Class 4 Year 6	Strong Start	AUTUMN TERM						Strong Start	SRPING TERM					Strong Start	SUMMER TERM					
	Science – Becoming A Scientist Identifying and explaining anomalies in data	Ref	Evolution and Inheritance	Ref	Animals including humans +water and transport			Science – Becoming A Scientist Using test results to raise questions and make predictions		Animals including humans +water transport	Ref	Light		Science – Becoming A Scientist Recording Data and Results using different graphs	Ref	Living Things and Their Habitats	Ref	Electricity	
		6 sessions		8 sessions (+1)					4 Sessions (+1)		7 sessions (+1)				6 sessions		5 Sessions (+2)		