



# Science Long Term Plan

## EYFS (Understanding the World – The Natural World)

AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Welcome to Orchard!	Dark Nights, Bright Lights!	999 Emergency	If You go down to the Woods	In the Garden	In the Garden
How do things change in the Autumn?	Out and about in the dark	Owls	How do things change in the Spring? All about Bears	Growing plants from seeds Caring for plants	Mini-beasts in the garden Pond dipping
	How do things change in the Winter?				
Weekly 'Explorify' discussions to develop scientific concepts and vocabulary					

## KEY STAGE 1

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2 & SUMMER 1	SUMMER 2
<b>A</b>	Oh I do Like to be Beside the Seaside  Y1 Seasonal Change 1,2	Once upon a Time  Y1 Everyday Materials 1,2, 3 Y2 Uses of Everyday Materials 1 Y2 Living things and their habitats 1	Under the Sea  Y1 Animals 1,2 Y2 Living things and their habitats 2,3,4	Adventure is out there  Y1 Animals 1, 2, 3 Y2 Animals including humans 2 Y2 Living things and their habitats 1, 2, 3, 4	Wild Things  Y1 Animals 1, 2, 3 Y1 Plants 1 Y2 Living things and their habitats 1, 2, 3, 4
<b>B</b>	Green Fingers  Y1 Plants 1, 2 Y1 Seasonal Change 1,2 Y2 Plants 1, 2 Y2 Living things and their habitats 1, 2, 3, 4	Super Hero Me  Y1 Humans 1 Y2 Animals including Humans 1, 2, 3	Ice, Ice Baby  Y1 Seasonal Change 1,2 Y2 Animals 1, 2	Jurassic World  Y2 Living things and their habitats 1	Donington Detectives  Y1 Everyday Materials 1,2, 3 Y2 Uses of Everyday Materials 1, 2

## LOWER KEY STAGE 2

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>A</b>	Road Trip USA  Scientific Enquiry Investigating Earthquakes and Volcanoes	Earth Rocks!  Y3 Rocks 1, 2, 3 Y4 States of Matter 1	The Flintstones  Y4 States of matter 2	Raiders & Traders	Where the Rainforest Meets the Sea  Y3 Plants 1, 2, 3, 4 Y4 Living things and their habitats 1, 2, 3 Y4 Animals including Humans 3 Y4 States of Matter 3	
<b>B</b>	Marvellous Me  Y3 Animals including humans 1, 2 Y3 Animals including humans 1, 2	The Fabulous Pharaohs  Scientific Enquiry Mummifying Tomatoes (Micro-organisms)	Lights, Camera, Action!  Y3 Light 1, 2, 3, 4 Y4 Sound 1, 2, 3, 4, 5	May the Force Be With You  Y3 Forces and Magnets 1, 2, 3, 4, 5, 6 Y4 Electricity 1, 2, 3, 4, 5	The Rampaging Romans  Scientific Enquiry STEM challenge involving forces/gravity (Aqueduct)	Location, Location, Location

## UPPER KEY STAGE 2

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>A</b>	To Infinity and Beyond!  Y5 Earth and Space	Let There Be Light  Y6 Light	On Safari  Y5 Living things and their Habitats Y6 Living things and their Habitats Y6 Evolution and Inheritance	The Groovy Greeks	All of the Fun of the Fair  Y5 Forces Y6 Electricity	
<b>B</b>	Keeping Healthy  Y6 Animals including Humans	Dig for Victory	Water Worlds  Y5 Properties and Changes in Materials	Amazing Americas  Scientific Enquiry Investigating germination relating to Mayan farming	The Vile Victorians  Scientific Enquiry Investigating Germs/Micro-organisms	

*NB: Y5 Animals inc. Humans covered in PSHE and RSE*