



## Long-term Plan for Science. 2022 – 2023

(Updated using advice from © Primary Science Education Consultancy 2019 )

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Reception</b>	Understand the effect of changing seasons on the natural world around them Describe what they see, hear, and feel whilst outside.					
	<b>Topic title - Marvellous Me and Real Life Super Heroes.</b> Possible themes & activities linked to science – Harvest/Planting Keeping healthy incl oral hygiene Autumn Baking	<b>Topic title – Real Life Super Heroes and Christmas.</b> Possible themes & activities linked to science – Planting Autumn	<b>Topic title – Space.</b> Possible themes & activities linked to science – Light and Dark/Shadows Planting	<b>Topic title – Julia Donaldson.</b> Possible themes & activities linked to science – Growing up – generations Planting/Gardening/Spring Planting	<b>Topic title – Minibeasts.</b> Possible themes & activities linked to science – Life cycles – butterfly / plant Local Area walks	<b>Topic title – Under the sea and on the beach.</b> Possible themes & activities linked to science – Hot places Creatures under the sea
<b>Year 1</b>	Plants Animals, including humans Seasonal changes					
	Everyday materials	Animals, including humans (parts of the human body statement)	Everyday materials	Animals, including humans (animal statements)	Everyday materials	Plants Seasonal changes
<b>Year 2</b>	Living things and their habitats Plants (growing seeds and bulbs outside)					
	Plants (planning for growing seeds and bulbs outside) Living things and their habitats	Uses of everyday materials (properties and uses of materials statement)	Animals, including humans (basic needs and keeping healthy statements)	Uses of everyday materials (changing shapes of materials statement) Animals, including humans (offspring statement)	Living things and their habitats	Living things and their habitats Plants (harvesting and cooking)

<b>Year 3</b>	Plants (gathering evidence of life cycles)					
	Animals, including humans	Rocks	Forces and magnets		Plants (parts and their functions and investigating growth statements)	Light Plants (life cycles statement)
<b>Year 4</b>	Living things and their habitats (naming and identifying living things in the local environment)					
	Electricity	States of matter		Sound	Animals, including humans	Living things and their habitats
<b>Year 5</b>  <b>*Thinking, Doing, Talking Science Project year.</b>	Properties and changes of materials (properties of materials statements)	Properties and changes of materials (changes of materials statements)	Forces	Earth and Space	Living things and their habitats (life cycle and reproduction of plants and animals statements)	Animals, including humans (Describe the changes as humans develop to old age)
<b>Year 6</b>	Electricity	Living things and their habitats	Animals, including humans	Evolution and inheritance		Light

\*Austhorpe are taking part in the CPD trial for 'Thinking, Doing, Talking Science' during this academic year. This will involve the Y5 teacher and science subject leader attending 5 training sessions over the course of the year. The content of each session should then be taught after attending the sessions therefore the order of the science topics has been adjusted accordingly.