


Science (Progression of topics and learning)

	<p>EYFS Topics <i>Growing (Reception)</i>: Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them.</p> <p><i>Animals (Reception)</i>: They make observations of animals and plants and explain why some things occur, and talk about changes.</p> <p><i>Supertato (Nursery)</i>: Use all their senses in hands-on exploration of natural materials. Show interest in different occupations. Explore and talk about different forces they can feel.</p> <p><i>Jack and the Beanstalk (Nursery)</i>: Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things.</p> <p><i>Three Little Pigs (Nursery)</i>: Explore collections of materials with similar and/or different properties. Talk about the differences between materials and changes they notice.</p>					
Year 1	Humans	Seasonal Changes (Autumn & Winter)	Everyday Materials	Seasonal Changes (Spring & Summer)	Plants in local area	Animals
	← Prior learning:	← Prior learning:	← Prior learning:	← Prior learning: Yr1 Seasonal Changes Autumn	← Prior learning:	← Prior learning:
	→ EYFS)	→ EYFS	→ Future learning: Yr2 Everyday Materials	→ Future learning:	→ Future learning: Yr2 Plants	→ Future learning: Yr2 Living Things and Their Habitats
Year 2	The Environment	Everyday Materials	Living Things & Their Habitats	Animals incl. Humans	Plants	Super Scientists & Innovative Inventors
	← Prior learning:	← <i>Prior learning</i> : Yr1 Everyday Materials	← <i>Prior learning</i> : Yr1 Plants and Animals; EYFS...	← <i>Prior learning</i> : Yr1 Animals; EYFS	← <i>Prior learning</i> : Yr1 Plants in Local Area; EYFS	← <i>Prior learning</i> :
	→ Future learning:	→ <i>Future learning</i> : Yr5 Properties and Changes of Materials	→ <i>Future learning</i> : Yr4 Living Things and Their Habitats	→ <i>Future learning</i> : Yr3 Animals incl. Humans	→ <i>Future learning</i> : Yr3 Plants	→ <i>Future learning</i> : Yr Super Scientists & Innovative Inventors
Mixed Year 1/2	Living Things and Their Habitats	Seasonal Change	Everyday Materials	Super Scientists & Innovative Inventors	Plants	Animals incl. Humans
2021-2022	← <i>Prior learning</i> : Yr1 Plants in Local Area	← <i>Prior learning</i> :	← <i>Prior learning</i> :	← <i>Prior learning</i> :	← <i>Prior learning</i> :	← <i>Prior learning</i> :
	→ <i>Future learning</i> : Yr4 Living Things and Their Habitats	→ <i>Future learning</i> :	→ <i>Future learning</i> : Yr5 Properties and Changes of Materials	→ <i>Future learning</i> : Yr2 & Yr3 Super Scientists & Innovative Inventors	→ <i>Future learning</i> : Yr3 Plants	→ <i>Future learning</i> : Yr3 Animals incl. Humans
Year 3	Rocks	Light	Forces and Magnets	Animals incl. Humans	Plants	Super Scientists & Innovative Inventors
	← Prior learning:	← Prior learning: Yr1 Seasonal Changes	← Prior learning:	← Prior learning: Yr1 and Yr2 Animals incl. Humans	← Prior learning: Yr2 Plants	← Prior learning: Yr2 Super Scientists & Innovative Inventors

	→ Future learning: Yr6 Evolution and Inheritance	→ Future learning: Yr4 Electricity (circuits) and Yr4 Earth and Space (sun); Yr6 Light	→ Future learning: Yr5 Forces	→ Future learning: Yr4 Animals incl. Humans	→ Future learning: Y4 Living Things and Their Habitats	→ Future learning: Yr4 Super Scientists & Innovative Inventors
Year 4	Living Things and Their Habitats	Electricity	States of Matter	Animals incl. Humans	Sound	Super Scientists & Innovative Inventors
	← Prior learning: Animals incl. Humans; Plants	← Prior learning: 1 st unit in KS2	← Prior learning:	← Prior learning: Yr3 Animals incl. Humans	← Prior learning:	← Prior learning: Yr3 Super Scientists & Innovative Inventors
	→ Future learning: Yr5 Living Things and Their Habitats	→ Future learning: Yr5 Electricity	→ Future learning: Yr5 Properties and Changes of Materials	→ Future learning: Yr5 Animals incl. Humans	→ Future learning:	→ Future learning: Yr5 Super Scientists & Innovative Inventors
Year 5	Earth and Space	Properties and Changes of Materials	Forces	Living Things and Their Habitats	Super Scientists & Innovative Inventors	Animals incl. Humans
	← Prior learning: Only Astronomy related science unit in the primary science curriculum	← Prior learning: Yr4 States of Matter	← Prior learning: Yr3 Forces and Magnets	← Prior learning: Yr4 Living Things and Their Habitats	← Prior learning: Yr4 Super Scientists & Innovative Inventors	← Prior learning: Yr4 Animals incl. Humans
	→ Future learning: KS3 Chemistry (Earth and Atmosphere; Space Physics)	→ Future learning: KS3 Physics (Matter)	→ Future learning: KS3 Physics (Motion and Forces)	→ Future learning: Yr6 Living Things and Their Habitats	→ Future learning: Yr6 Super Scientists & Innovative Inventors	→ Future learning: Yr6 Animals incl. Humans
Year 6	Electricity	Living Things and Their Habitats	Animals incl. Humans	Evolution and Inheritances	Super Scientists & Innovative Inventors	Light
	← Prior learning: Yr4 Electricity	← Prior learning: Yr4 & Yr5 Living Things and Their Habitats	← Prior learning: Yr5 Animals incl. Humans	← Prior learning: Yr3 Rocks; Animals incl. Humans; Living Things and Their Habitats	← Prior learning: Yr5 Super Scientists & Innovative Inventors	← Prior learning: Yr3 Light
	→ Future learning: KS3 Physics (Electricity and Electromagnetism)	→ Future learning: KS3 Biology	→ Future learning: KS3 Biology (Structure and Function of Living Organisms)	→ Future learning: KS3 Biology (Material Cycles and Energy; Genetics and Evolution)	→ Future learning:	→ Future learning: KS3 Physics (Light Waves)