

Science LTP 2024/25

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
EYFS	Seasonal changes (Autumn)	Seasonal changes (Winter) Nursery Rhymes (Forces) Materials (3 Little Pigs- Traditional Tales) Changing state (Goldilocks and Gingerbread Man)	Seasonal changes Journeys (Exploring the natural world around them)	Seasonal changes Life cycle of plants Human growth	Seasonal changes Nature and animals Life cycle of animals Grouping animals	Seasonal changes- Comparing weather and seasons
Year 1	Revisiting EYFS Science (5 senses, Floating & Sinking, Push & Pull Forces) Seasonal Change Autumn	Animals, including humans (humans) Seasonal Change Winter	Animals, including humans (Animals)	Plants Seasonal Change Spring	Everyday Materials	Seasonal Change- Summer & comparing seasons
Year 2	Animals, including humans (Humans)	Animals, including humans (Animals)	Living Things & their habitats	Plants	Use of Everyday Materials	Revisiting Seasonal change & comparing seasons
Year 3	Rocks	Animals, including humans (The Skeleton)	Animals, including humans (Nutrition)	Plants	Forces & Magnets	Light
Year 4	States of Matter (Solids, Liquids & Gases)	Electricity	Animals, including humans	Living Things and their Habitat	Recap States of Matter- Changing State	Sound
Year 5	Earth & Space	Properties and Changes of Materials	Forces	Revisit Plants and seasonal change	Animals, including Humans (Human Changes)	Revisiting Sound
































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					Revisit The Skeleton and parts of the body.	
<i>Year 6</i>	Animals including Humans (Circulation)	Evolution and Inheritance	Living Things and their Habitats (Classification)		Electricity	Light



Science Curriculum

How is the Science Curriculum Organised?

	Biology 			Chemistry 			Physics 						
Year 1	Plants 	Animals, including humans 			Materials 			Seasonal changes 					
Year 2	Plants 	Animals, including humans 		Living things & their habitats 	Materials 								
Year 3	Plants 	Animals, including humans 				Rocks 		Light 	Forces 				
Year 4		Animals, including humans 		Living things & their habitats 			States of Matter 				Sound 	Electricity 	
Year 5		Animals, including humans 		Living things & their habitats 	Materials 				Forces 	Earth and space 			
Year 6		Animals, including humans 	Evolution and inheritance 	Living things & their habitats 				Light 				Electricity 	

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Example Scientists to be explored within topic:

Year 1	Animals, including Humans (NC) <i>Jane Goodall (studied chimps)</i>	Everyday Materials (NC) <i>John Dunlop, Charles Macintosh or John McAdam</i> <i>[cross-curricular - DT Homes]</i>	Plants (NC) <i>Joseph Banks (Botanist)</i>	Introduction to Magnetism (CKS) <i>Albert Einstein (physicist)</i>	Taking Care of the Earth (CKS)	Seasonal Changes (NC)
	<i>Seasonal Changes throughout the year as appropriate to the changing seasons</i>					
Year 2	Animals, including Humans (NC)	Living Things and their Habitats (NC)	Plants (NC)	Matter (NC) <i>John Dunlop or C. Macintosh (creating new materials)</i>	Electricity (CKS) <i>Thomas Edison (light bulb)</i>	Astronomy and The Earth (CKS) <i>Galileo Galilei (astronomer)</i> <i>Copernicus (solar system)</i>
Year 3	Animals including humans (NC) <i>Louis Pasteur (vaccinations)</i> <i>A. Fleming (penicillin)</i>	Forces and Magnets (NC) <i>Albert Einstein (physicist)</i>	Rocks (NC) <i>Mary Anning (fossil hunter)</i>	Plants (NC)	Light (NC)	Insects (CKS)
Year 4	States of matter (NC)	Sound (NC) <i>Alexander Bell (inventor of telephone)</i>	Living Things and Their Habitats (NC) <i>Rachel Carson (pollution)</i>	Animals, Including Humans (NC)	Electricity (NC) <i>Michael Faraday (invented electric motor)</i>	The Human Body: Systems, Vision and Hearing (CKS)
Year 5	Forces (NC) <i>Isaac Newton (gravity)</i> <i>Albert Einstein (physicist)</i>	Properties and changes of materials (NC) <i>Spencer Silver (invented glue)</i> <i>Benerito (wrinkle free cotton)</i>	Earth & Space (NC) <i>Galileo Galilei (astronomer)</i> <i>Copernicus (solar system)</i> <i>Stephen Hawking (physicist)</i>	Living things and their Habitats (NC) [inc Animals inc Humans] <i>David Attenborough (naturalist)</i>	Geology (CKS) <i>Leonardo Da Vinci (anatomist and geologist)</i>	Meteorology (CKS)
Year 6	Electricity (NC) <i>Michael Faraday (invented electric motor)</i>	Animals, Including Humans (NC)	Living Things and their habitats (NC) <i>Carl Linnaeus (classification)</i>	Evolution and Inheritance (NC) <i>Charles Darwin and Alfred Wallace (theory of evolution)</i>	Light (NC) <i>Ibn Al-Haytham (studied optics)</i>	Chemistry: Matter and Change (CKS) <i>Marie Curie (radiation)</i> <i>Ernest Rutherford (atom)</i>