





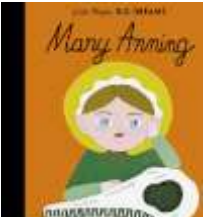


## Whole School Overview - Science - 2023-24

With Suggested authors/texts for wider reading linked with Science units. Also including famous scientists for study

The highlighted books are your scientist for that year group. This is someone to keep recapping throughout the year so they have a deep knowledge of a famous scientist.

Term	Autumn 1 8 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 6 weeks	Summer 1 6 weeks	Summer 2 6 weeks
Year 1	Seasonal Changes - Autumn  Everyday Materials  Seasonal changes - Winter		Seasonal Changes - Winter  Animals Including Humans	Animals Including Humans (continued)	Seasonal Changes - Spring  Plants	Plants (continued)  Seasonal Changes - Summer
Famous Scientists / Influential Individuals linked:	<b>John McAdam</b> Road surface/safer travel		<b>Florence Nightingale</b> <b>Little People Big Dreams</b> 		<b>Jeanne Baret</b> (botanist)	

Year 2	Uses of Everyday Materials	Living Things and their Habitats	Animals Including Humans Including the 'chick experience'		Plants
Famous Scientists / Influential Individuals linked:	Charles Macintosh Invented waterproof clothing	<b>Rachel Carson</b> Pollution 	<b>From Egg to Chicken</b> 	<b>Jane Goodall</b> (studied chimps) 	<b>Mary Agnes Chase</b> (Botanist)
Year 3	Forces and Magnets	Animals Including Humans	Rocks	Plants	Light
Famous Scientists / Influential Individuals linked:	<b>Albert Einstein</b> Little People Big Dreams 	<b>Marie Curie</b> (Radiation / X-Rays) Women in Science Book Super Scientists Book 	<b>Mary Anning</b> (Discovery of Fossils and contributions to palaeontology) Women in Science Book Super Scientist Book 	<b>George Washington Carver</b> (nutrients in soil to support farmer's crops)	<b>James Clerk Maxwell</b> (Visible and Invisible Waves of Light)



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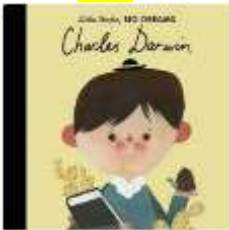
Year 4	Living Things and their Habitats	Animals Including Humans	States of Matter	Sound	Electricity
Famous Scientists / Influential Individuals linked:	<p><b>Greta Thunberg</b> (Climate Change Activist)</p> 	<p><b>Doctor Sheffield Washington</b> (toothpaste inventor)</p>	<p><b>Sau Lan Wu</b> (Particle Physicist, studied matter and how it works) Women in Science Book</p>	<p><b>Alexander Graham Bell</b> (Invented the Telephone)</p>	<p><b>Thomas Edison</b> (Invented the light bulb)</p>
Year 5	Earth and Space	Properties and Changes of Materials	Forces	Living Things and their Habitats	Animals Including Humans
Famous Scientists / Influential Individuals linked:	<p><b>Mae Jemison</b> (Black History Month)</p>	<p><b>Ruth Benerito</b> (Wrinkle-Free Cotton)</p>	<p><b>Isaac Newton</b> (Gravitation)</p>	<p><b>David Attenborough</b></p>	



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Year 6					<p>(Naturalist and Nature Documentary Broadcaster)</p> 
	Animals Including Humans	Electricity	Light	Evolution and Inheritance	Living things and their Habitats
Famous Scientists / Influential Individuals linked:	 <p>William Harvey Circulation</p>	<p><b>Edith Clarke</b> (Electrical Engineer) Women in Science Book</p> <p><b>Michael Faraday</b> (Transformed motion into electricity. Discovered electromagnetic induction) Super Scientists Book</p>	<p><b>Ibn al-Haytham (Alhazen)</b> (Light and our Eyes) Super Scientist Book</p>	<p><b>Charles Darwin</b> (Theory of Evolution by Natural Selection) Darwin – Super Scientists Book</p> 	<p><b>Carl Linnaeus</b> (Identifying, Naming and Classifying Organisms)</p> <p><b>Louis Pasteur</b> (Invented practice of microbiology) Super Scientists Book</p>