



# Science long term overview 2022-2024

Subject and Topic	EYFS	Year 1/2 (A)	Year 1/2 (B)	Year 3/4 (A)	Year 3/4 (B)	Year 5/6 (A)	Year 5/6 (B)
<b>Science</b>	<p><b>Seasons</b> (Notice Board Daily)</p> <p><b>Weather</b> (Notice board daily)</p> <p><b>Health and self care</b>- Understand the need for healthy food.</p> <p><b>Plants and animals</b> -Make observations of plants and animals and talk about changes. Link to spring topic.</p> <p><b>Materials</b>- Explores a variety if materials</p>	<p><b>Unit 1/Onwards:</b> Seasonal Changes John James Symons- Invented own version of the rain gauge</p> <p><b>Unit 2:</b> Animals Linda Brown - American biologist Carl Hagenbeck - invented the first zoo Linda Brown Buck - american biologist, 2004 nobel prize winner</p> <p><b>Unit 3:</b> Everyday Materials Ole Kirk Christianson- Inventor of Lego</p> <p><b>Unit 4:</b> Plants Charles Darwin Links to Kew Gardens</p> <p><b>Unit 5:</b> Forces John Walker - Stockton on Tees - Inventor of the friction match</p>	<p><b>Unit 1:</b> Living Things Rachel Carson- Scientist who studied ocean habitats</p> <p><b>Unit 2:</b> Animals Jane Goodall - expert on chimpanzees</p> <p><b>Unit 3:</b> Plants Tim Smith - founder of the Eden Project</p> <p><b>Unit 4:</b> Materials Charles Macintosh- Inventor of waterproof fabric</p> <p><b>Unit 5:</b> Light Joseph Swann from Low Fell Gateshead</p>	<p><b>Unit 1:</b> Plants George Washington Carver- American agricultural scientist</p> <p><b>Unit 2:</b> Light Percy Shaw - road safety, cats eye</p> <p><b>Unit 3:</b> Forces - Eric Laithwaite inventor of Maglev technology</p> <p><b>Unit 4:</b> Animals Washington Sheffield- invented toothpaste</p> <p><b>Unit 5:</b> Rocks Mary Anning-English Palaeontologist</p>	<p><b>Unit 1:</b> Sound Dr Maria Witek- Music Researcher and Live Coder</p> <p><b>Unit 2:</b> Electricity Joseph Swan - Lightbulb- Inventor of lightbulb</p> <p><b>Unit 3:</b> Animals Steve Irwin- zookeeper, conservationist, wildlife expert and environmentalist</p> <p><b>Unit 4:</b> Living Things David Attenborough- Biologist and Natural historian</p> <p><b>Unit 5:</b> States of Matter Lord Kelvin - devised Kelvin scale</p>	<p><b>Unit 1:</b> Living Things and Habitats Carl Linneaus-Swedish Botanist</p> <p><b>Unit 2:</b> Forces and Movement Sir Isaac Newton-</p> <p><b>Unit 3:</b> properties and changes of Materials Heston Marc Blumenthal - British Chef - pioneer of multi sensory cooking</p> <p><b>Unit 4:</b> Earth and Space Tim Peake- European Space Agency Astronaut Neil deGrasse Tyson- American Astrophysicist</p> <p><b>Unit 5:</b> Animals</p>	<p><b>Unit 1:</b> Living Things Eva Crane- Bee expert</p> <p><b>Unit 2:</b> Evolution and Inheritance Charles Darwin-Naturalist, Geologist and Biologist Richard Dawkins-British Evolutionary Biologist</p> <p><b>Unit 3:</b> Electricity William Armstrong- World's first hydroelectric power station</p> <p><b>Unit 4:</b> Animals James Watson-Molecular Biologist- DNA Shimna Yamanaka- Japanese Stem cell researcher</p> <p><b>Unit 5:</b> Light Thomas Edison-American Inventor of incandescent light bulb</p>