

## Scientists across the Curriculum

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Plants</p> <p>Beatrix Potter Author &amp; Botanist</p>	<p>Living Things and Their Habitats</p> <p>Rachel Carson- Marine Pollution</p> <p>Liz Bonnin Conservationist</p> <p>Eugenie Clark- marine biologist</p>	<p>Plants</p> <p>Joseph Banks- Botanist</p> <p><u>Ahmed Mumin Warfa</u> - Botanist</p> <p>Marianne North- Botanist</p>	<p>Living Things and Their Habitats</p> <p>Jacques Cousteau -Marine Biology</p> <p>Cindy Looy-Environmental Change and Extinction</p> <p>Joean Beauchamp Procter Zoologist</p>	<p>Living Things and Their Habitats</p> <p>Jane Goodall- naturalist</p> <p>Sylvia Earle - Marine biologist</p> <p>Dr. Paula Kahumbu-wildlife conservationist</p> <p>Mangala Mani - Antarctic scientist</p> <p>Sir David Attenborough- Animal Behaviourist</p>	<p>Living Things and Their Habitats</p> <p>Carl Linneus Classification</p> <p>Libby Hyman Classification Invertebrates</p>
<p>Animals inc Humans</p> <p>Chris Packham- Animal Conservationist</p>	<p>Plants</p> <p>Captain Cook- Botanists</p> <p>Agnes Arber Botanist</p> <p>Alan Titchmarsh- Botanist &amp; Gardener</p>	<p>Animals inc Humans</p> <p>Marie Curie- Radiation</p> <p>Wilhelm Rontgen - X rays</p> <p>Adelle Davis - Nutritionist</p>	<p>Animals inc Humans</p> <p>Joseph Lister-Antiseptic</p> <p>Ivan Pavlov- Digestive System Mechanisms</p> <p>Washington &amp; Lucius Sheffield- Toothpaste in a tube</p>	<p>Animals inc Humans</p> <p>Alexander Fleming- Penicillin</p> <p>Louis Pasteur- Vaccination</p> <p>Eva Crane -Reproduction in Bees</p> <p>Virginia Apgar- <u>obstetrical anaesthesiologist</u></p>	<p>Animals inc Humans</p> <p>Leonardo Da Vinci- anatomy</p> <p>Santorio Santorio-Anatomist</p> <p>Dr. Katherine Dibb - Expert in Cardiovascular Sciences</p> <p>Justus von Liebig- Theories of Nutrition and Metabolism</p> <p>Sir Richard Doll- Linking Smoking and Health Problems</p>

<p><b>Everyday Materials</b></p> <p>William Addis Toothbrush Inventor</p> <p>Charles Mackintosh (Waterproof coat)</p> <p>John MacAdam- roads Chester Greenwood- Earmuffs</p>	<p><b>Animals inc Humans</b></p> <p>Florence Nightingale Pioneer of modern nursing in GB</p> <p>Elizabeth Garrett Anderson - First British female physician and surgeon</p> <p>Steve Irwin - Wildlife expert</p> <p>Robert Winston Human Scientist</p>	<p><b>Rocks</b></p> <p>Mary Anning- Fossil hunter</p> <p>Dr Anjana Khatwa Geologist</p> <p>Ursula Marvin- Geologist William Smith Fossils strata</p> <p>Inge Lehmann - Earth's Mantle</p> <p>Katia Krafft - Geologist and Volcanologist</p>	<p><b>States of Matter</b></p> <p>Joseph Priestly - Discovered oxygen</p> <p>Lord Kelvin - Absolute zero (temperature)</p> <p>Anders Celsius - Temperature Scale</p> <p>Daniel Fahrenheit- Temperature Scale / Invention of the Thermometer</p> <p>George Washington Carver- chemist</p>	<p><b>Properties and changes of Materials</b></p> <p>Sir Humphrey Davy- Separating gases</p> <p>Jamie Garcia (BP website)- Invention of a new plastic</p> <p>Becky Schroeder - fluorescence material</p> <p>Spencer Silver, Arthur Fry and Alan Amron - Post-It Notes</p> <p>Ruth Benerito - Wrinkle-Free Cotton</p>	<p><b>Evolution &amp; Inheritance</b></p> <p>Hippocrates - The Father of Medicine</p> <p>Charles Darwin- Evolution</p> <p>Alfred Russell Wallace - naturalist</p> <p>Rosalind Franklin - DNA</p> <p>Nettie Stevens - Geneticist</p> <p>Professor Alice Roberts - Evolutionary biologist</p>
<p><b>Seasonal Changes</b></p> <p>Dr Steve Lyons (Extreme Weather)</p> <p>Holly Green (Meteorologist)</p>	<p><b>Everyday Materials</b></p> <p>Charles Macintosh- Waterproof material</p> <p>John MacAdam- Tarmac</p>	<p><b>Light</b></p> <p>Justus Von Liebig Mirrors</p> <p>James Clerk Maxwell (Visible and Invisible Waves of Light)</p>	<p><b>Sound</b></p> <p>Alexander Graham Bell - Invented the telephone</p> <p>Aristotle - Sound Waves Galileo Galilei - Frequency and Pitch of Sound Waves</p>	<p><b>Earth and Space</b></p> <p>Dr Sian Proctor- Analog Astronaut</p> <p>Margaret Hamilton- Computer scientist (Moon Landings)</p> <p>Stephen Hawking- Black Holes</p> <p>Mae Jemison - Astronaut</p> <p>Claudius Ptolemy and Nicolaus Copernicus - Heliocentric vs Geocentric Universe</p> <p>Neil Armstrong- First man on the Moon</p>	<p><b>Light</b></p> <p>Thomas Edison - Invented electric light bulb</p> <p>Patricia Bath (BP website)- saving sight</p> <p>Thomas Young (Wave Theory of Light)</p> <p>Ibn al-Haytham - Light and our Eyes</p> <p>Percy Shaw - The Cats Eye</p> <p>Maria Telkes- Solar energy</p>

				<p>Helen Sharman- GB astronaut</p> <p>Caroline Herschel- First to find a comet</p> <p>Valentina Tereshkova-Cosmonaut</p>	
		<p><b>Forces &amp; Magnets</b></p> <p>Andre Marie Ampere- Electro-magnetism</p> <p>The Wright Brothers Airplanes</p> <p>Henry Ford- Cars</p>	<p><b>Electricity</b></p> <p>Michael Faraday- Discovered relationship between magnets and electricity</p> <p>Thomas Edison- Lightbulb</p> <p>Joseph Swan- Incandescent Light Bulb</p>	<p><b>Forces</b></p> <p>Isaac Newton- Gravity</p> <p>Albert Einstein- The Theory Of relativity</p> <p>Galileo Galilei - Gravity and Acceleration</p> <p>Archimedes of Syracuse- Levers</p>	<p><b>Electricity</b></p> <p>Nikola Telsa -AC electric system</p> <p>Alessandro Volta- Electrical Battery</p> <p>Nicola Tesla- Alternating Currents</p> <p>Edith Clarke -Electrical engineer</p>