

## Scientists Across the Curriculum

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Plants</b>  Beatrix Potter Author & Botanist	<b>Living Things and Their Habitats</b>  Rachel Carson- Marine Pollution  Liz Bonnin Conservationist  Eugenie Clark- marine biologist	<b>Plants</b>  Joseph Banks- Botanist  <u>Ahmed Mumin Warfa</u> - Botanist  Marianne North- Botanist	<b>Living Things and Their Habitats</b>  Jacques Cousteau -Marine Biology  Cindy Looy-Environmental Change and Extinction  Joean Beauchamp Procter Zoologist	<b>Living Things and Their Habitats</b>  Jane Goodall- naturalist  Sylvia Earle - Marine biologist  Dr. Paula Kahumbu-wildlife conservationist  Mangala Mani - Antarctic scientist  Sir David Attenborough- Animal Behaviourist	<b>Living Things and Their Habitats</b>  Carl Linneus Classification  Libby Hyman Classification Invertebrates
<b>Animals inc Humans</b>  Chris Packham- Animal Conservationist	<b>Plants</b>  Captain Cook- Botanists  Agnes Arber Botanist  Alan Titchmarsh- Botanist & Gardener	<b>Animals inc Humans</b>  Marie Curie- Radiation  Wilhelm Rontgen - X rays  Adelle Davis -Nutritionist	<b>Animals inc Humans</b>  Joseph Lister-Antiseptic  Ivan Pavlov- Digestive System Mechanisms  Washington & Lucius Sheffield- Toothpaste in a tube	<b>Animals inc Humans</b>  Alexander Fleming- Penicillin  Louis Pasteur- Vaccination  Eva Crane -Reproduction in Bees  <u>Virginia Apgar- obstetrical anaesthesiologist</u>	<b>Animals inc Humans</b>  Leonardo Da Vinci- anatomy  Santorio Santorio-Anatomist  Dr. Katherine Dibb - Expert in Cardiovascular Sciences  Justus von Liebig- Theories of Nutrition and Metabolism  Sir Richard Doll- Linking Smoking and Health Problems
<b>Everyday Materials</b>  William Addis Toothbrush Inventor  Charles Mackintosh	<b>Animals inc Humans</b>  Florence Nightingale Pioneer of modern nursing in GB	<b>Rocks</b>  Mary Anning- Fossil hunter  Dr Anjana Khatwa Geologist	<b>States of Matter</b>  Joseph Priestly - Discovered oxygen  Lord Kelvin -Absolute zero (temperature)	<b>Properties and changes of Materials</b> Sir Humphrey Davy- Separating gases  Jamie Garcia (BP website)- Invention of a new plastic	<b>Evolution &amp; Inheritance</b>  Hippocrates -The Father of Medicine  Charles Darwin- Evolution

<p>(Waterproof coat)</p> <p>John MacAdam-roads</p> <p>Chester Greenwood-Earmuffs</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>Ursula Marvin- Geologist</p> <p>William Smith Fossils strata</p> <p>Inge Lehrmasn -Earth's Mantle</p> <p>Katia Krafft - Geologist and Volcanologist</p>	<p>Anders Celsius -Temperature Scale</p> <p>Daniel Fahrenheit- Temperature Scale / Invention of the Thermometer</p> <p>George Washington Carver-chemist</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>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>Uses of 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</p> <p>Gailileo 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>Helen Sharman- GB astronaut</p> <p>Caroline Herschel- First to find a comet</p> <p>Valentina Tereshkova-Cosmonaut</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>

		<b>Forces &amp; Magnets</b>	<b>Electricity</b>	<b>Forces</b>	<b>Electricity</b>
		<p>Andre Marie Ampere- Electro-magnetism</p> <p>The Wright Brothers Airplanes</p> <p>Henry Ford- Cars</p>	<p>Michael Faraday- Discovered relationship between magnets and electricity</p> <p>Thomas Edison- Lightbulb</p> <p>Joseph Swan- Incandescent Light Bulb</p>	<p>Isaac Newton- Gravity Albert Einstein- The Theory Of relativity</p> <p>Galileo Galilei - Gravity and Acceleration</p> <p>Archimedes of Syracuse- Levers</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>