



# Scientists Across The Curriculum

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p style="text-align: center;"><u>Plants</u></p> <p>Beatrix Potter Author &amp; Botanist</p>	<p style="text-align: center;"><u>Living Things and Their Habitats</u></p> <p>Rachel Carson- Marine Pollution</p> <p>Liz Bonnin Conservationist</p>	<p style="text-align: center;"><u>Plants</u></p> <p>Joseph Banks- Botanist</p> <p>Ahmed Mumin Warfa - Botanist</p>	<p style="text-align: center;"><u>Living Things and Their Habitats</u></p> <p>Jacques Cousteau -Marine Biology</p> <p>Cindy Looy-Environmental Change and Extinction</p> <p>Joean Beauchamp Procter Zoologist</p>	<p style="text-align: center;"><u>Living Things and Their Habitats</u></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 style="text-align: center;"><u>Living Things and Their Habitats</u></p> <p>Carl Linneus Classification</p> <p>Libby Hyman Classification Invertebrates</p>
<p style="text-align: center;"><u>Animals inc Humans</u></p> <p>Chris Packham- Animal Conservationist</p>	<p style="text-align: center;"><u>Plants</u></p> <p>Captain Cook- Botanists</p> <p>Agnes Arber Botanist</p> <p>Alan Titchmarsh- Botanist &amp; Gardener</p>	<p style="text-align: center;"><u>Animals inc Humans</u></p> <p>Marie Curie- Radiation</p> <p>Wilhelm Rontgen - X rays</p> <p>Adelle Davis -Nutritionist</p>	<p style="text-align: center;"><u>Animals inc Humans</u></p> <p>Joseph Lister-Antiseptic</p> <p>Ivan Pavlov- Digestive System Mechanisms</p> <p>Washington &amp; Lucius Sheffield- Toothpaste in a tube</p>	<p style="text-align: center;"><u>Animals inc Humans</u></p> <p>Alexander Fleming- Penicillin</p> <p>Louis Pasteur- Vaccination</p> <p>Eva Crane -Reproduction in Bees</p> <p>Virginia Apgar- obstetrical anaesthesiologist</p>	<p style="text-align: center;"><u>Animals inc Humans</u></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 style="text-align: center;"><u>Everyday Materials</u></p> <p>William Addis Toothbrush Inventor</p> <p>Charles Mackintosh (Waterproof coat)</p>	<p style="text-align: center;"><u>Animals inc Humans</u></p> <p>Florence Nightingale Pioneer of modern nursing in GB</p> <p>Elizabeth Garrett Anderson - First British female physician and surgeon</p>	<p style="text-align: center;"><u>Rocks</u></p> <p>Mary Anning- Fossil hunter</p> <p>Dr Anjana Khatwa Geologist</p>	<p style="text-align: center;"><u>States of Matter</u></p> <p>Joseph Priestly – Discovered oxygen</p> <p>Lord Kelvin -Absolute zero (temperature)</p>	<p style="text-align: center;"><u>Properties and changes of Materials</u></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 style="text-align: center;"><u>Evolution &amp; Inheritance</u></p> <p>Hippocrates -The Father of Medicine</p> <p>Charles Darwin- Evolution</p> <p>Alfred Russell Wallace – naturalist</p>



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John MacAdam-roads Chester Greenwood-Earmuffs	Steve Irwin -Wildlife expert  Robert Winston Human Scientist	William Smith Fossils strata  Inge Lehrmasn -Earth's Mantle  Katia Krafft - Geologist and Volcanologist	Anders Celsius -Temperature Scale  Daniel FahrenheitTemperature Scale / Invention of the Thermometer  George Washington Carver-chemist	Spencer Silver, Arthur Fry and Alan Amron - Post-It Notes  Ruth Benerito - Wrinkle-Free Cotton	Rosalind Franklin – DNA  Nettie Stevens – Geneticist  Professor Alice Roberts - Evolutionary biologist
<b><u>Seasonal Changes</u></b>  Dr Steve Lyons (Extreme Weather)  Holly Green (Meteorologist)	<b><u>Uses of Everyday Materials</u></b>  Charles Macintosh-Waterproof material  John MacAdam- Tarmac	<b><u>Light</u></b>  Justus Von Liebig Mirrors  James Clerk Maxwell (Visible and Invisible Waves of Light)	<b><u>Sound</u></b>  Alexander Graham Bell - Invented the telephone  Aristotle - Sound Waves Gailileo Galilei - Frequency and Pitch of Sound Waves	<b><u>Earth and Space</u></b>  Margaret Hamilton- Computer scientist (Moon Landings)  Stephen Hawking- Black Holes  Mae Jemison – Astronaut  Claudius Ptolemy and Nicolaus Copernicus - Heliocentric vs Geocentric Universe  Neil Armstrong- First man on the Moon  Helen Sharman- GB astronaut  Caroline Herschel- First to find a comet  Valentina Tereshkova-Cosmonaut	<b><u>Light</u></b>  Thomas Edison -Invented electric light bulb  Patricia Bath (BP website)- saving sight  Thomas Young (Wave Theory of Light)  Ibn al-Haytham -Light and our Eyes  Percy Shaw - The Cats Eye
		<b><u>Forces &amp; Magnets</u></b>  Andre Marie Ampere- Electro-magnetism  The Wright Brothers Airplanes  Henry Ford- Cars	<b><u>Electricity</u></b>  Michael Faraday- Discovered relationship between magnets and electricity  Thomas Edison- Lightbulb  Joseph Swan- Incandescent Light Bulb	<b><u>Forces</u></b>  Isaac Newton- Gravity  Albert Einstein- The Theory Of relativity  Galileo Galilei - Gravity and Acceleration  Archimedes of Syracuse- Levers	<b><u>Electricity</u></b>  Nikola Telsa -AC electric system  Alessandro Volta- Electrical Battery  Nicola Tesla- Alternating Currents  Edith Clarke -Electrical engineer

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