

Scientists Across the Curriculum

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

John MacAdam- roads Chester Greenwood- Earmuffs	female physician and surgeon 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 Fahrenheit- Temperature 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
Seasonal Changes Dr Steve Lyons (Extreme Weather) Holly Green (Meteorologist)	Uses of Everyday Materials Charles Macintosh- Waterproof material John MacAdam- Tarmac	Light Justus Von Liebig Mirrors James Clerk Maxwell (Visible and Invisible Waves of Light)	Sound Alexander Graham Bell - Invented the telephone Aristotle - Sound Waves Gailileo Galilei - Frequency and Pitch of Sound Waves	Earth and Space Dr Sian Proctor- Analog Astronaut 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	Light 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 Maria Telkes- Solar energy
		Forces & Magnets Andre Marie Ampere- Electro-magnetism The Wright Brothers Airplanes Henry Ford- Cars	Electricity Michael Faraday- Discovered relationship between magnets and electricity Thomas Edison- Lightbulb	Forces Isaac Newton- Gravity Albert Einstein- The Theory Of relativity Galileo Galilei - Gravity and Acceleration	Electricity Nikola Telsa -AC electric system Alessandro Volta- Electrical Battery Nicola Tesla- Alternating Currents

			Joseph Swan- Incandescent Light Bulb	Archimedes of Syracuse- Levers	Edith Clarke -Electrical engineer
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