

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 Gladys West - Mathematician	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 Malaika Vaz - Explorer	Living Things and Their Habitats Carl Linneus - Classification Libby Hyman - Classification Invertebrates
Animals inc Humans Chris Packham- Animal Conservationist	Plants Captain Cook- Botanist Agnes Arber - Botanist Alan Titchmarsh- Botanist & Gardener George Washing Carver - Botanist	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 Virginia Apgar- Obstetrical anaesthesiologist Sigmund Freud - Psychoanalysis	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 Marie M. Daly - Chemist
Everyday Materials William Addis - Toothbrush Inventor	Animals inc Humans Florence Nightingale - Pioneer of modern nursing in GB	Rocks Mary Anning- Fossil hunter	States of Matter Joseph Priestly - Discovered oxygen	Properties and changes of Materials Sir Humphrey Davy- Separating gases Jamie Garcia (BP website)- Invention of a new plastic	Evolution & Inheritance Hippocrates -The Father of Medicine Charles Darwin- Evolution

Charles Mackintosh - Waterproof coat John MacAdam- roads Chester Greenwood- Earmuffs	Elizabeth Garrett Anderson - First British female physician and surgeon Steve Irwin - Wildlife expert Robert Winston - Human Scientist Yann Le Meur - Sports scientist	Dr Anjana Khatwa - Geologist Ursula Marvin- Geologist William Smith - Fossils strata Inge Lehrmasn -Earth's Mantle Katia Krafft - Geologist and Volcanologist	Lord Kelvin -Absolute zero (temperature) Anders Celsius -Temperature Scale Daniel Fahrenheit- Temperature Scale / Invention of the Thermometer George Washington Carver- chemist	Becky Schroeder - fluorescence material Spencer Silver, Arthur Fry and Alan Amron - Post-It Notes Ruth Benerito - Wrinkle-Free Cotton	Alfred Russell Wallace - naturalist Rosalind Franklin - DNA Nettie Stevens - Geneticist Professor Alice Roberts - Evolutionary biologist
Seasonal Changes Dr Steve Lyons - Extreme Weather Holly Green / Liam Dutton - 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 C V Raman - Physicist

		Forces & Magnets	Electricity	Forces	Electricity
		Andre Marie Ampere- Electro-magnetism	Michael Faraday- Discovered relationship between magnets and electricity	Isaac Newton- Gravity	Nikola Telsa -AC electric system
		The Wright Brothers - Airplanes	Thomas Edison- Lightbulb	Albert Einstein- The Theory Of relativity	Alessandro Volta- Electrical Battery
		Henry Ford- Cars	Joseph Swan- Incandescent Light Bulb	Galileo Galilei - Gravity and Acceleration	Nicola Tesla- Alternating Currents
				Archimedes of Syracuse- Levers	Edith Clarke -Electrical engineer