

**Scientists Across the Curriculum**

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| **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  [Ahmed Mumin Warfa](https://en.wikipedia.org/wiki/Ahmed_Mumin_Warfa) - 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  Virginia Apgar-  [obstetrical](https://en.wikipedia.org/wiki/Obstetrics)  [anaesthesiologist](https://en.wikipedia.org/wiki/Anesthesiologist) | **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)  John MacAdam- roads  Chester Greenwood-Earmuffs | **Animals inc Humans**  Florence Nightingale Pioneer of modern nursing in GB  Elizabeth Garrett Anderson - First British female physician and surgeon  Steve Irwin -Wildlife expert  Robert Winston Human Scientist | **Rocks**  Mary Anning- Fossil hunter  Dr Anjana Khatwa Geologist  Ursula Marvin- Geologist  William Smith Fossils strata  Inge Lehrmasn -Earth’s Mantle  Katia Krafft - Geologist and Volcanologist | **States of Matter**  Joseph Priestly – Discovered oxygen  Lord Kelvin -Absolute zero (temperature)  Anders Celsius -Temperature Scale  Daniel Fahrenheit-Temperature Scale / Invention of the Thermometer  George Washington Carver- chemist | **Properties and changes of Materials**  Sir Humphrey Davy- Separating gases  Jamie Garcia (BP website)- Invention of a new plastic  Becky Schroeder - fluorescence material  Spencer Silver, Arthur Fry and Alan Amron - Post-It Notes  Ruth Benerito - Wrinkle-Free Cotton | **Evolution & Inheritance**  Hippocrates -The Father of Medicine  Charles Darwin- Evolution  Alfred Russell Wallace – naturalist  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  Joseph Swan- Incandescent Light Bulb | **Forces**  Isaac Newton- Gravity  Albert Einstein- The Theory Of relativity  Galileo Galilei - Gravity and Acceleration  Archimedes of Syracuse- Levers | **Electricity**  Nikola Telsa -AC electric system  Alessandro Volta- Electrical Battery  Nicola Tesla- Alternating Currents  Edith Clarke -Electrical engineer |