

**Scientists Across the Curriculum**

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| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Plants**Beatrix PotterAuthor & Botanist | **Living Things and Their Habitats**Rachel Carson- Marine PollutionLiz Bonnin ConservationistEugenie Clark- marine biologist | **Plants**Joseph Banks- Botanist[Ahmed Mumin Warfa](https://en.wikipedia.org/wiki/Ahmed_Mumin_Warfa) - BotanistMarianne North- Botanist | **Living Things and Their Habitats**Jacques Cousteau -Marine BiologyCindy Looy-Environmental Change and ExtinctionJoean Beauchamp Procter Zoologist | **Living Things and Their Habitats**Jane Goodall- naturalistSylvia Earle - Marine biologistDr. Paula Kahumbu-wildlife conservationistMangala Mani – Antarctic scientistSir David Attenborough- Animal Behaviourist | **Living Things and Their Habitats**Carl Linneus ClassificationLibby Hyman ClassificationInvertebrates |
| **Animals inc Humans**Chris Packham-Animal Conservationist | **Plants**Captain Cook- BotanistsAgnes Arber BotanistAlan Titchmarsh- Botanist & Gardener | **Animals inc Humans**Marie Curie- Radiation  Wilhelm Rontgen - X raysAdelle Davis -Nutritionist | **Animals inc Humans**Joseph Lister-AntisepticIvan Pavlov- Digestive System MechanismsWashington & Lucius Sheffield- Toothpaste in a tube   | **Animals inc Humans**Alexander Fleming- PenicillinLouis Pasteur- VaccinationEva Crane -Reproduction in BeesVirginia Apgar-  [obstetrical](https://en.wikipedia.org/wiki/Obstetrics) [anaesthesiologist](https://en.wikipedia.org/wiki/Anesthesiologist) | **Animals inc Humans**Leonardo Da Vinci- anatomySantorio Santorio-AnatomistDr. Katherine Dibb – Expert in Cardiovascular SciencesJustus von Liebig- Theories of Nutrition and MetabolismSir Richard Doll- Linking Smoking and Health Problems |
| **Everyday Materials**William AddisToothbrush InventorCharles Mackintosh(Waterproof coat)John MacAdam- roadsChester Greenwood-Earmuffs | **Animals inc Humans**Florence Nightingale Pioneer of modern nursing in GBElizabeth Garrett Anderson - First British female physician and surgeonSteve Irwin -Wildlife expertRobert Winston Human Scientist | **Rocks**Mary Anning- Fossil hunterDr Anjana Khatwa GeologistUrsula Marvin- GeologistWilliam Smith Fossils strataInge Lehrmasn -Earth’s MantleKatia Krafft - Geologist and Volcanologist | **States of Matter**Joseph Priestly – Discovered oxygenLord Kelvin -Absolute zero (temperature)Anders Celsius -Temperature ScaleDaniel Fahrenheit-Temperature Scale / Invention of the ThermometerGeorge Washington Carver- chemist | **Properties and changes of Materials**Sir Humphrey Davy- Separating gasesJamie Garcia (BP website)- Invention of a new plasticBecky Schroeder - fluorescence materialSpencer Silver, Arthur Fry and Alan Amron - Post-It NotesRuth Benerito - Wrinkle-Free Cotton | **Evolution & Inheritance**Hippocrates -The Father of MedicineCharles Darwin- Evolution Alfred Russell Wallace – naturalistRosalind Franklin – DNANettie Stevens – GeneticistProfessor Alice Roberts - Evolutionary biologist |
| **Seasonal Changes**Dr Steve Lyons(Extreme Weather)Holly Green(Meteorologist) | **Uses of Everyday Materials**Charles Macintosh-Waterproof materialJohn MacAdam- Tarmac | **Light**Justus Von Liebig MirrorsJames Clerk Maxwell(Visible and Invisible Waves of Light) | **Sound**Alexander Graham Bell -Invented the telephoneAristotle - Sound WavesGailileo Galilei - Frequency and Pitch of Sound Waves | **Earth and Space**Dr Sian Proctor- Analog AstronautMargaret Hamilton- Computer scientist (Moon Landings)Stephen Hawking- Black HolesMae Jemison – AstronautClaudius Ptolemy and Nicolaus Copernicus - Heliocentric vs Geocentric UniverseNeil Armstrong- First man on the MoonHelen Sharman- GB astronautCaroline Herschel- First to find a cometValentina Tereshkova-Cosmonaut | **Light**Thomas Edison -Invented electric light bulbPatricia Bath (BP website)- saving sightThomas Young(Wave Theory of Light)Ibn al-Haytham -Light and our EyesPercy Shaw - The Cats EyeMaria Telkes- Solar energy |
|  |  | **Forces & Magnets**Andre Marie Ampere-Electro-magnetismThe Wright BrothersAirplanesHenry Ford- Cars | **Electricity**Michael Faraday- Discovered relationship between magnets and electricityThomas Edison- LightbulbJoseph Swan- Incandescent Light Bulb | **Forces**Isaac Newton- GravityAlbert Einstein- The Theory Of relativityGalileo Galilei - Gravity and AccelerationArchimedes of Syracuse- Levers | **Electricity**Nikola Telsa -AC electric systemAlessandro Volta- Electrical BatteryNicola Tesla- Alternating CurrentsEdith Clarke -Electrical engineer  |