**Science Long-Term Plan**

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| **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **KS1 Cycle A** | | | | | |
| **Physics** | **Biology** | **Biology** | **Physics** | **Biology** | **Biology** |
| **Seasonal Changes**  (Autumn & Winter) | **Humans** | **The Environment** | **Seasonal Changes**  (Spring & Summer) | **Plants (Y1)** | **Plants (Y2)** |
| **Chester Greenwood** (Earmuffs)  **Christopher Wren & Robert Hooke**  (Rain Gauge) | **Elizabeth Garrett Anderson**  (First British Female Doctor)  **Linda Brown Buck**  (Senses)  **Louis Pasteur**  (Germs) | **Rachel Carson**  (Marine Conservationist) | **James Blyth**  (Wind Turbine) | **Tim Smit & Nicholas Grimshaw**  (Eden Project) | **Jane Colden**  (Botanist) |
| **KS1 Cycle B** | | | | | |
| **Chemistry** | **Chemistry** | **Biology** | **Biology** | **Biology** | **Biology** |
| **Everyday Materials (Y1)** | **Everyday Materials (Y2)** | **Animals** | **Animals** | **Living Things and Their Habitats** | **Microhabitats** |
| **Ole Kirk Christiansen** (Lego) | **Charles Macintosh** (Waterproof coat) | **David Attenborough**  (Animal Behaviourist) | **Jane Goodall**  (Chimpanzee Expert) | **George Mottershead** (Zoos) | **William Kirby**  (Entomologist) |

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| **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **LKS2 Cycle A** | | | | | |
| **Physics** | **Chemistry** | **Biology** | **Biology** | **Biology** | **Biology** |
| **Light** | **Rocks** | **Animals, including humans (Y3)** | **Animals, including humans (Y4)** | **Living Things and Their Habitats** | **Plants** |
| **Arthur Wilson**  (Car Mirrors) | **William Smith**  (Geologist)  **Inge Lehmann**  (Earth’s Mantle) | **Marie Curie**  (X-rays) | **Washington Sheffield**  (Toothpaste) | **Jacques Cousteau**  (Marine Biology) | **George Washington Carver**  (Agricultural Scientist) |
| **LKS2 Cycle B** | | | | | |
| **Physics** | **Physics** | **Physics** | **Chemistry** | **Biology** | **Biology** |
| **Forces and Magnets** | **Electricity** | **Sound** | **States of Matter** | **Reduce, reuse, recycle** | **Conservation** |
| **William Gilbert**  (Theory of Magnetism)  **History of Electromagnets** | **Thomas Edison and Lewis Latimer**  (Lightbulb) | **Alexander Graham Bell**  (Telephone) | **Antoine Lavoisier & Joseph Priestley**  (Oxygen) | **Maria Telkes**  (Solar Power) | **Gerald Durrell**  (Madagascar Conservationist) |