**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) |