
***Subject Overview For Science 2024-25***

| | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
|---|---|---|---|---|---|---|
| **Reception** | Autumn nature study: senses<br>Humans: people who are familiar to them<br>***Ongoing all year: plants and animals in local environment , seasonal changes, how things work***<br>***Depending on ch's interests – learn about space travel*** | Autumn nature study: hibernation<br>Explore materials linked to hibernation boxes<br>Potions and experiments | Explore a range of materials and how they change when cooled/heated | Spring nature study: life cycles<br>Materials: explore how materials change when heated<br>Explore rainbows | Animals and habitats<br>Explore shadows<br>Explore wind | Humans: learn how to take care of themselves (teeth)<br>School trip: plants and animals in a contrasting environment<br>Explore how objects move in water (boats) |
| **Year 1** | Human body and senses<br>***Marie Curie*** | Everyday materials and their properties<br>***Norman Foster*** | Common animals other than humans and their basic structure<br>***Jane Goodall*** | Plants – basic structure and observing growth over time<br>***Luther Burbank*** | | Nature – observations of plants and animals in their local environment<br>***Sir David Attenborough*** |
| **Year 2** | Humans – what animals and humans need to survive, human growth and exercise, hygiene, eating the right foods<br>***Alexander Fleming*** | | Everyday uses of materials – sustainability of different materials for particular uses<br>***Leo Baekeland*** | | Living things and their habitats<br>***Rachel Carson*** | Plants<br>***Wangari Maathai*** |
| **Year 3** | Light<br>***Thomas Edison*** | Health and Nutrition<br>***Joe Wicks*** | Rocks and Fossils<br>***Florence Bascom*** | Forces and Magnets<br>***Michael Faraday*** | Skeleton and Movement<br>***Sara Bisel*** | Plants – function or parts of a plant that grow<br>***David Bellamy*** |
| **Year 4** | Electricity<br>***Benjamin Franklin*** | Teeth and Digestion<br>***Dr Weston A Price*** | Materials and their properties<br>***Alfred Nobel*** | Sound<br>***Alexander Graham Bell*** | States of matter and the water cycle<br>***Bernard Palissy*** | Habitats – grouping and classifying plants and animals<br>***Seirian Sumner*** |
| **Year 5** | Materials and properties – testing materials<br>***Archimedes*** | Materials and properties – reversible changes<br>***Stephanie Kwolek*** | Earth and Space<br>***Stephen Hawking*** | Forces and falling objects<br>***Isaac Newton*** | Life Cycle in animals and plants<br>***Lucy Evelyn Cheesman*** | Animals including humans<br>***Professor Robert Winston*** |
| **Year 6** | Evolution and Inheritance<br>***Charles Darwin*** | Light – exploring the way light behaves, including light sources and reflection<br>***Ḥasan Ibn al-Haytham*** | Classification including subdivision<br>***Carl Linnaeus*** | | Electricity<br>***Nikola Tesla*** | Circulatory system and Healthy Lifestyles<br>***William Harvey*** |