

**Substantive knowledge – coverage of science topics across the academic year.**

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|  | Plants | Rocks | Animals Inc humans | Forces & Magnets | Materials | States of Matter | Seasonal changes | ElectricityPhysics | LightPhysics | Earth & SpacePhysics | Living things and habitats | Evolution and inheritance | Sound |
| EYFS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |

EYFS = yellow because topics are covered through continuous provision linked to POR texts and enquiry questions

Autumn = Orange

Spring = Green

Summer = Blue

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| **Biology** | **Chemistry** | **Physics** |
| biology Icon 2452229 | chemistry Icon 1173837 | physics Icon 807839 |

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| **BIOLOGY**  | **CHEMISTRY**  | **PHYSICS**  |

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| Year 1  | Year 2  | Year 3  | Year 4  |  Year 5  | Year 6  |
| **Animals including Humans** **(types of animal)**  | **Uses of Everyday Materials**  | **Light**  | **Animals including Humans** **(digestive system and teeth)**  | Animals including Humans (puberty) | **Animals including** **Humans (changes as humans age)**  |
| **Animals including Humans (puberty)**  |
| **Everyday** **Materials**  | **Forces and** **Magnets**  | **Animals including** **Humans** **(food chains)**  | **Properties and** **Changes of** **Materials**  | **Electricity**  |
|  | **Living Things and their Habitats** **(habitats and food chains)**  | **Animals including** **Humans** **(skeletons)**  | **Sound**  | **Forces**  | **Animals including** **Humans** **(circulatory system)**  |
| **Everyday** **Materials**  | **Animals including Humans** **(staying healthy)**  | **Rocks**  | **Electricity**  | **Properties and** **Changes of** **Materials**  |  **Light**  |
| **Animals including** **Humans** **(human body)**  | **Plants**  |  **Plants**  | **Living things and their Habitats** **(classification)**  | **Living things and their Habitats** **(life cycles and reproduction)**  | **Evolution and Inheritance**  |
|  |  |  |  |  |
| **Plants**  | **Animals including** **Humans** **(life cyles)**  |  | **States of Matter**  | **Earth and Space**  | **Living things and their Habitats (classification)**  |

**Disciplinary knowledge**



This table links to the document on the inside of the front cover of science books. Teachers date the skills used during science lessons to ensure maximum coverage.