

**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 | Electricity  Physics | Light  Physics | Earth & Space  Physics | 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

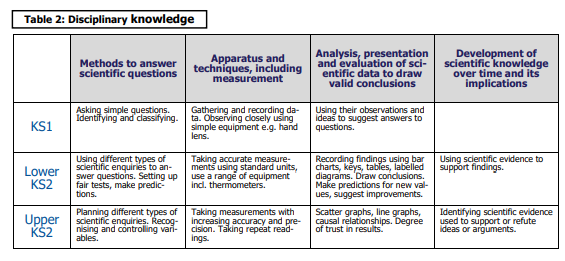
Summer = Blue

|  |  |  |
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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.