**Bournville Village Primary School Long-term Overview: Science**

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|  | **Autumn term** | | **Spring term** | | **Summer term** | |
| **Reception** | People- Understanding our World | | Water: understanding our World | | Life: Understanding our World | |
| **Year 1** | Seasonal changes: Autumn and observation overtime (year-long project) |  | Seasonal changes: Winter. Compare winter and Autumn. |  | Seasonal changes: Spring into summer. Compare seasons. |  |
|  | Everyday materials | | Animals including humans: identifying common animals | | Plants: trees | |
| **Year 2** | Use of everyday materials | | Animals, including humans: basic needs of animals | | Living things and their habitats:  How plants grow in different places | |
| **Year 3** | Light | Forces and Magnets | Rocks and fossils |  | Plants: flowering plants | Animals including humans:  skeletons and muscles s |
| **Year 4** | Sound | Electricity: conductors and insulators | States of matter and thermal insulation |  | Animals including humans:  Digestive system  Teeth and eating | Living things and their habitats:  Habitats and food chains |
| **Year 5** | Earth and space | Forces | Properties and changes of materials |  | Animals including humans:  Puberty | Living things and their habitats:  Lifecycles Reproduction of plants and animals |
| **Year 6** | Light:  Changing the direction of light  Including reflection | Electricity:  Changing circuits | Changing reactions | Classification:  Micro-organisms | Animals including humans:  Circulatory system | Living things and their habitats:  Classification of plants and animals,  Evolution and inheritance |