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| **Science Long Term Planning Grid 23/24** | | | | | | |
| **Class/term** | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **EYFS** | Draw information from a simple map.  Explore the natural world around them.  Describes some features of plants and animals and identifies when things are the same and different.  Notices, observes and talks about seasonal changes. | | Describe what they see, hear and feel whilst outside.  Understand the effect of changing seasons on the natural world around them.  Recognise some environments that are different to the one in which they live.  Has a good general knowledge about living things and the natural world and can describe features of different plants and animals recognising when they are the same and different.  Understands and uses some language related to animals, e.g. camouflage, predator, nocturnal, diurnal. | | **ELG The Natural World**  Explore the natural world around them, making observations and drawing pictures of animals and plants.  **ELG The Natural World**  Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.  **ELG The Natural World**  Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. | |
| Year 1 Topic Cycle A | **Everyday materials** | | **Keeping healthy** | | **Living things and their habitats** | |
| Year 1 Topic Cycle B | **Plants**  **Animals including humans** | | **Everyday materials and their uses** | | **Seasonal Change** | |
| Year 2 Topic Cycle A | **Everyday materials** | | **Keeping healthy** | | **Living things and their habitats** | |
| Year 2 Topic Cycle B | **Plants**  **Animals including humans** | | **Everyday materials and their uses** | | **Seasonal change** | |
| Year 3 Topic cycle A | **States of matter** | | **Rocks, plants & living things and their habitats** | | **Plants & animals including humans** | |
| Year 3 Topic cycle B | **Animals including humans** | | **Light, sound and electricity** | | **Forces and magnets** | |
| Year 4 Topic cycle A | **States of matter** | | **Rocks, plants & living things and their habitats** | | **Plants & animals including humans** | |
| Year 4 topic cycle B | **Animals including humans** | | **Light, sound and electricity** | | **Forces and magnets** | |
| Year 5 Topic cycle A | **Properties and changes of materials** | | **Evolution and inheritance** | | **Earth and space** | |
| Year 5 Topic cycle B | **Forces** | | **Living things and their habitats** | | **Animals including humans** | |
| Year 6 Topic cycle A | **Light** | | **Evolution and inheritance** | | **Animals including humans** | |
| Year 6 Topic cycle B | **Electricity** | | **Living things and their habitats** | | **Investigations and experiments linked to thinking scientifically** | |

**2022 was the full introduction of the new topic-based curriculum**

**2022/23 coverage is as follows that ensures there are no gaps due to new topic-based curriculum introduction**

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| Year Group/Term Cycle A 2022/23 | **Autumn** | **Spring** | **Summer** |
| EYFS | Draw information from a simple map.  Explore the natural world around them.  Describes some features of plants and animals and identifies when things are the same and different.  Notices, observes and talks about seasonal changes. | Describe what they see, hear and feel whilst outside.  Understand the effect of changing seasons on the natural world around them.  Recognise some environments that are different to the one in which they live.  Has a good general knowledge about living things and the natural world and can describe features of different plants and animals recognising when they are the same and different.  Understands and uses some language related to animals, e.g. camouflage, predator, nocturnal, diurnal. | ELG The Natural World  Explore the natural world around them, making observations and drawing pictures of animals and plants.  ELG The Natural World  Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.  ELG The Natural World  Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. |
| Year 1 | Materials | Animals including humans | Seasonal changes |
| Year 2 | Materials and their uses | Animals including humans | Living things and their habitats |
| Year 3 | states of matter | Rocks, Plants & living things and their habitats | Forces and magnets |
| Year 4 | States of matter | Electricity  Living things and their habitats | Animals including humans  Sound |
| Year 5 | Light | Evolution and inheritance | Animals including humans |
| Year 6 | Light | Evolution and inheritance | Animals including humans |