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|  | Topic 1 | Topic 2 | Topic 3 | Topic 4 | Topic 5 | Topic 6 |

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| Understanding the World - EYFS | | | | | | |
| Term specific provision | Children will make new friends and become confident with new people.  Know some of the things that make them unique.  Talk about some of the similarities and differences about their own and others families | Autumn walk  Nocturnal animals and hibernation | Making hot chocolate  Keeping warm in the cold weather – what clothes should we wear?  Investigate how clothes keep us warm  Ice experiment | Signs of spring and new life  Talk about the work of farmers and the work that they do.  Investigation -What do seeds need to grow? | Become familiar with the names of animals and their babies.  Where do animals live?  What do animals need to grow?  Small world jungle, farm, zoo. | Taking care of our Wonderful World  Recycling  Summer holidays  Sea creatures  Create a rock pool |
| Ongoing provision | Observe seasonal changes, play with seasonal objects and read books relating to the seasons. | | | | | |
| Nursery Curricular Goals | Use all of their senses to explore the world around them.  Take care of a plant and talk about how it grows. | | | | | |
| Reception Curricular Goals | Know their own family tree  Care for an animal | | | | | |
| Science | | | | | | |

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| Year 1 | Human Body and Senses | Common animals other than humans and their basic structure | Plants - basic structure and observing growth over time | Nature and field journals - observations over time of seasonal changes, plants, weather and length of day | Everyday materials - naming of materials and their properties |  |
| Year 2 | Nature and field journals - observations of plants and animals in their local environment throughout the year | Humans - what humans need to survive, human growth and exercise | Uses of everyday materials - suitability of different materials for particular uses | Human health and nutrition; requirements for plant growth | Living things and habitats |  |
| Year 3 | Standalone unit on light - shadows and reflections | Nutrition, diet and movement and the skeleton | Rocks and fossils | Forces and magnets | Plants - functions or parts and plant growth |  |
| Year 4 | Electricity - series circuits, switches, conductors, insulators | Animals Including Humans Teeth and the digestive system | Sound | States of matter | Habitats – grouping and classifying plants and animals |  |
| Year 4 & 5 | Earth and Space  Forces | Habitats - grouping and classifying plants and animals | Sound  Electricity – series circuits, switches, conductors, insulators | Teeth and the digestive system  Animals Including Humans – growth and development of humans PLUS exercise and the circulatory system | Materials- reversible and irreversible changes  States of Matter |  |
| Year 5 & 6 | Living things and their Habitats  Evolution and Inheritance | Materials - reversible and irreversible changes | Earth and space  Light – exploring the way light behaves including light sources, reflection and shadows | Forces and falling objects  Electricity | Life cycle changes in animals and plants; naturalists  Animals including humans - growth and development of humans PLUS exercise and the circulatory system |  |
| Year 6 | Evolution and inheritance - adaptation, survival of the fittest, reproduction and passing on traits | Light - exploring the way light behaves including light sources, reflection, shadows | Famous scientists and their contributions to the world  Animals/Health | Classification including subdivisions for vertebrates and invertebrates | Electricity |  |