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|  | **Term** | **Autumn** | **Spring** | **Summer** |
| Y1 | Science(Working scientifically throughout topics)  | Plants* Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees (Forest School)
 | Animals, including humans* Identify and name a variety of common animals.
 | Everyday materials* Distinguish between and object and the material from which it is made.
* Identify and name a variety of everyday materials.
* Describe the simple physical properties of everyday materials.
* Compare and group materials.

Plants* Identify and describe the basic structure of a variety of common flowering plants, including trees.
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| Y2 | Science(Working scientifically throughout topics) | Animals including humans • Animals’ offspring • The basic needs of all animals for survival • The importance of exercise, food and hygiene | Uses of everyday materials • The suitability of materials for particular uses • How the shapes of objects can change | Plants • How seeds and bulbs grow • The importance of water, light and heat Living things and their habitats • Differences between things that are living, dead and have never been alive • Suitability of different habitats • Habitats and micro-habitats of plants and animals • Simple food chains(Forest School) |
| Y3 | Science(Working scientifically throughout topics)  | Animals including humans* Nutrition
* Importance of the skeleton and muscles
 | Rocks* Compare and group rocks
* Fossils
* Soil

Plants* Functions of different parts of flowering plants
* Requirements of plants for life and growth
* How water is transported within plants
* Life cycle of flowering plants, including pollination, seed formation and seed dispersal
 | Light* What is light and darkness?
* Reflection of light
* Sun’s light
* Shadows

Forces and Magnets* How do things move on different surfaces?
* Some forces need contact between two objects, but magnetic forces can act at a distance
* Magnets attract or repel each other
* magnetic materials
* Magnetic poles
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| Y4 | Science(Working scientifically throughout topics)  | States of Matter* Solids, liquids and gases
* Changing states through heating and cooling
* Water cycle

Electricity* Identify electrical appliance
* Construct simple circuits
* Control a switch
* Common conductors and insulators
 | Livings things and their habitats* Group living things
* Classification keys
* Impact of the environment

 Sound* Identifying how sounds are made and recognising vibrations.
* Finding patterns
* Sounds in relation to distance
 | Animals Including Humans* Simple functions of the digestive system
* Types of teeth
* Construct and interpret food chains

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| Y5 | Science(Working scientifically throughout topics) | Earth and Space* Day and Night
* Earth Rotations
* Orbits of the moon
 | Livings things and their habitats* Life cycles of a mammal, an amphibian, an insect and a bird
* Reproduction in plants and animals
* (Forest School links)
 | Forces* Gravity, Air and Water, Resistance, Friction, Levers and Pulleys

Properties and changes of materials* Properties, states of matter, separating materials, conductors, insulators, reversible and irreversible changes
* (Forest School links)
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| Y6 | Science(Working scientifically throughout topics) | Electricity • Explore lamps and buzzers in circuits • Reasons how components function • Use signs for circuits Evolution • Living Things have changed over time, fossils • Offspring and adaptions | Livings things and their habitats • Classification of plants (Forest School) | Light • Lights appear to travel in a straight line • Light sources travel to our eyes • Explanations of shadows Animals including humans • Identify human circulatory system • Recognise impact of diet • Establish how nutrients are transmitted through animals |