

KS1 Yearly plan for Science 2018-19 Year A

| Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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| <p>Plants 1 - trees Autumn</p> <ul style="list-style-type: none"> identify and name a variety of common wild and garden plants including deciduous and evergreen trees identify and describe the basic structure of a variety of common flowering plants, including trees. observe changes across the four seasons | <p>Materials/ magnets</p> <ul style="list-style-type: none"> distinguish between an object and the material from which it is made identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock describe the simple physical properties of a variety of everyday materials eg magnetism. compare and group together a variety of everyday materials on the basis of their simple physical properties <i>observe how magnets attract or repel each other and attract some materials and not others</i> <i>compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials</i> <i>KS2 Objectives</i> | <p>Senses / sound</p> <ul style="list-style-type: none"> identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. identify how sounds are made, associating some of them with something vibrating <i>recognise that sounds get fainter as the distance from the sound source increases.</i> <i>recognise that vibrations from sound travel through a medium to the ear</i> <i>find patterns between the pitch of a sound and features of the object that produced it</i> <i>KS2 Objectives</i> | <p>Humans - survival</p> <ul style="list-style-type: none"> find out about and describe the basic needs of animals, including humans, for survival (water, food and air) describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene | <p>Plants 2 – growing plants Habitats</p> <ul style="list-style-type: none"> observe and describe how seeds and bulbs grow into mature plants find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. explore and compare the differences between things that are living, dead, and things that have never been alive identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other identify and name a variety of plants and animals in their habitats, including micro-habitats | |
| Working scientifically focus | | | | | |
| Observing over time Identification and classification | Testing Classification | Testing Pattern seeking | Research | Testing Observing over time | |

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