

## Long Term Curriculum Coverage

Class	Subject
Cherry	Science (Cycle A)



<b>Autumn 1</b> <b>Animals including Humans</b>	<b>Autumn 2</b> <b>Seasonal Changes</b>
<p>In this unit children will learn about five of the groups that scientists use to classify animals: mammals, fish, birds, reptiles and amphibians. They will learn to identify the group an animal belongs to by its features and will classify animals according to their group. They will also learn about the different diets animals eat. Children will learn about the parts of the human body and have the opportunity to explore the five senses through a simple investigation. In the final lesson, children will use all their knowledge from this unit to classify animals according to their own criteria.</p>	<p>This unit will teach the children about the four seasons, with a particular focus on autumn and winter. Children will learn what the word weather means and find out how different types of weather can be measured. Children will use a class weather station to observe measure and record the weather across the seasons. They will also observe changes across the seasons by exploring the signs of autumn and winter through nature and wildlife. A range of learning activities are used in this unit including observation, discussion and learning outside. Children also work scientifically by collecting, recording and interpreting simple data.</p>
<b>Spring 1</b> <b>Everyday Materials</b>	<b>Spring 2</b> <b>Scientists and Inventors</b>
<p>This unit will examine everyday materials including wood, plastic, metal, water and rock. Children will learn to identify and name everyday materials and will have the opportunity to explore the properties of these materials. Children also will carry out a simple investigation to help them decide which material would be most suitable to use for an umbrella. At the end of the unit children apply their knowledge of everyday materials to sort objects by their properties. A range of learning activities are used in this unit including, discussions, labelling and matching activities, games, and an investigation to encourage where children have the opportunity to ask and find the answers to questions.</p>	<p>In this unit we will learn about famous scientists and inventors linked to the Y1 science curriculum. Children will find out about the work of animal scientists, such as vets and zoo keepers. They will group and sort animals to make their own paper zoo, and will act in role as a vet, identifying the body parts of different animals. Children will have the opportunity to collect data when finding out about horticulturists and meteorologists. They will create bar charts of their favourite sensory plants, and make rain gauges to gather data on rainfall. Throughout the unit, children will work in a fun and hands on way to learn about scientists and inventors.</p>

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<b>Summer 1 Plants</b>	<b>Summer 2 Living Things and their habitats</b>
<p>In this unit about plants, children will learn to name the basic parts of a plant, including seeds. They will have the opportunity to plant their own seeds and to make observations of how they grow over time. Children will also learn to identify, name and describe a variety of garden and wild plants as well as evergreen and deciduous trees. In their final lesson, the children will use all of their knowledge gained throughout the topic to identify, compare and classify plants.</p>	<p>In this unit children will learn about a variety of habitats and the plants and animals that live there. They learn to tell the difference between things that are living, dead and things that have never been alive, and apply this in a range of contexts. They make observations of a local habitat and the creatures that live there, investigating conditions in local microhabitats and how they affect the minibeasts found within them. This unit allows children to research a range of global habitats and how the living things that live there are suited to their environments, and also provides an introduction to the idea of dependency between plant and animal species.</p>