Science Road Map



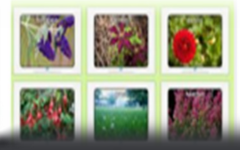


EYFS

Children will explore the natural world around them by making observations and recording observations by drawing or taking pictures of animals and plants. They will look at similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Children will explore the important processes and changes in the natural world around them, including the seasons and changing states of matter.

Year One

Children will name different parts of the body and learn about the senses. They will identify a range of common animals and be introduced to the terms; carnivore, herbivore and omnivore. They will explore everyday materials, name these and discuss their features. Children will name common plants and trees and explore their structures. Children will learn the difference between evergreen and deciduous trees and observe the changing of the seasons. Throughout the year children will develop their scientific reasoning by asking questions, observing closely, performing simple tests and gathering data to answer questions.


Year Two

The children will learn how animals including humans have offspring that grow into adults and discuss what is needed for survival. Children will learn about food chains and habitats. Children will explore the difference between things that are living, dead and have never been alive. They will describe how seeds and bulbs grow and investigate what a plant needs in order to stay healthy. Children will explore everyday materials and how their shape can change by; bending, twisting, stretching and squashing. They will talk about the features of everyday materials and how they could be useful for different products. Throughout the year, children will develop their scientific reasoning by asking questions, observing closely, performing simple tests and gathering data to answer questions.



