

Y2 Science Curriculum



Autumn	Living Things and their Habitats	Living Things and their Habitats (Food chains)
Year 2	-To name the seven life processes that all living things need to be able to do to stay alive. -To know what a habitat is. -To know that all living things need to live in a habitat that can provide them with the things they need to stay alive -To classify things that are living, things that are dead and things that have never been alive. -To know that plants and animals in a habitat are linked to each other through food chains	-To know that animals need to live in different environments to get the food, water and oxygen they need. -To know that the plants and animals in a habitat are all dependent on each other for survival. -To know that plants and animals in a habitat are linked to each other through food chains. -To construct some simple food chains for a variety of habitats.
Spring	Animals including Humans	Uses of Everyday Materials
Year 2	-To know that mammals give birth to live young and birds, reptiles and fish lay eggs -To explain the stages a human goes through to grow from a baby to an adult -To know that all animals need food, water and air to stay alive, and that some animals breathe oxygen with their lungs while fish that live under water take in oxygen through their gills. -To know that it is important to eat a healthy balance of foods because different foods are useful to our bodies for different things.	-To use a range of appropriate vocabulary to describe the properties of different materials. -To know the difference between a natural and a man-made material. -To name a variety of materials that can change shape, can change shape temporarily and cannot change shape. -To name some objects that can all be made from wood, plastic and metal, e.g. chairs. -To suggest appropriate materials for an object to be made from, based on what the object will be used for and who will use it.

Summer	Plants
Year 2	-To know that different seeds and bulbs grow into different plants -To explain that plants require the correct growing conditions and get their energy from the sun and require water and light to survive -To know that plants and seeds can be eaten by humans and animals -To know that the term 'germination' refers to the process when a seed starts to grow and produce shoots -To explain the life cycle of a plant grown from a bulb, such as a tulip.