

KS1 Science Knowledge Organiser: Seasonal changes(Y1) , Plants (Y1)(Y2), Animals including humans (Y1)

By the end of this unit, I will be able to:

- Describe changes across the four seasons including the weather and how the day length varies.
- Identify a variety of common wild and garden plants and describe the basic structure of plants and trees.
- Describe how seeds and bulbs grow into mature plants.
- Explain that plants need water, light and a suitable temperature to grow.
- Identify, name and describe the structure of a variety of common animals including fish, amphibians, reptiles, birds and mammals
- Identify and name a variety of common animals that are carnivores, herbivores and omnivores.
- Identify, name, draw and label the basic parts of the human body and say which part of body is associate with each sense.

What I have already learned in Science:

- Pupils will have talked about different habitats and explored some of the living things in our local environment ie the field and woods
- They have learned about food chains and the transfer of energy

Famous Scientists



Sir David Attenborough



Key Vocabulary & Concepts

Seasons	four different times during the year with different types of weather. They are spring, summer, autumn, and winter, and are caused by the earth's orbit around the sun.
Fish	Animals that live and breathe in water.
Amphibians	Animals that live partly in the water and partly on land.
Reptiles	Cold-blooded animals that usually have scales.
Birds	Animals with feathers and wings.
Mammals	Warm blooded animals with hair, including humans.
Carnivores	Animals that eat meat.
Herbivores	Animals that eat plants
Omnivores	Animals that eat meat and plants
Senses	We have 5 senses that help us make sense of the world around us; sight, hearing, smell, taste, touch.
Evergreen trees	Evergreen trees keep their leaves all year round.
Deciduous trees	In autumn, deciduous trees lose all of their leaves.