



Year 3 Knowledge Organiser

Science

The weird & wonderful world of plants



Project Question:

How do plants and humans live together?

Exciting Books and Useful Links:

Books:

Bloom by Nicola Skinner

The Big Book Of Blooms by Yuval Zommer

Links:

<https://www.rhs.org.uk/>

<https://mrplantgeek.com/2018/01/14/oxford-botanists-top-10-unusual-plants/>

What I should already know:

- How the male and female parts of the flower have mixed in order to make seeds for new plants.
- How a plant uses water and how it travel around the plant.
- Lifecycle of the plant
- How to plant and care for seeds.

What I need to know:

- Types of plants and their required environmental factors
- About different types of plants from around the world
- Climate and vegetation relationship.
- How plants support human life
- Extreme plants

We will be visiting The Botanical Gardens to some amazing plants and trees up close.

Key Vocabulary:

Climate – Typical weather for a region over 30 years

Vegetation - vegetation is an assemblage of plant species and the ground cover they provide.

Tropical - is characterised by monthly average temperatures of 18 There are normally only two seasons in **tropical climates**, a wet season and a dry season.

Botanical - relating to plants or the scientific study of plants

Rainforest - an area of tall, mostly evergreen trees and a high amount of rainfall.

Deciduous- a tree or shrub shedding its leaves annually.

Coniferous - a tree or shrub producing cones, and having leaves that do not fall off in the winter