



Science Topic: Plants

Year: 1 Term: Autumn 1

Key Knowledge/Content:

- Plants grow from seeds/bulbs
- Plants need light and water to grow and survive
- Plants are important
- We can eat lots of plants

Scientist Focus:

Beatrix Potter (Botanist)

Famous for writing the stories of 'Peter Rabbit' amongst her work with plants.

Links to:

Prior learning:

To look at living things around the classroom and in the forest area.

Future learning:

To learn more about the conditions plant need to grow, using experiments and investigations.

Key vocabulary with definition:

Prior vocabulary:

- Grow
- Big
- Small
- Quickly
- Slowly

New vocabulary:

- Flower- The part of a plant with coloured petals that holds seeds.
- Stem- The supporting structure of a flower or plant.
- Leaves- The green parts of the plant which collect sunlight.
- Trunk- The supporting part of a tree.
- Seed- Produced by plants to reproduce.
- Bulb- The part of a plant that stores food when it is growing.
- Deciduous- Trees where the leaves fall off in Autumn for the colder months.
- Evergreen- Trees where the leaves remain during Winter.
- Wild plants- Not planted by humans and growing naturally.
- Garden plants- Planted by humans.

By the end of this unit

All children can: make observations about different plants and flowers and sort different plants into different categories.

Most children can: observe how plants change over time and identify the key features in a plant, such as the stem, leaves and flowers.

Some children can: compare evergreen and deciduous trees and start to identify patterns for how plants grow and the conditions needed.

Background understanding for teachers and parents:

This unit will look at plants. Children will identify the main features of a plant and sort them into different categories. During this topic, children will observe a range of trees, plants and flowers around them.

Curriculum Driver (one):

Communication

Evidence outcome:

Use communication skills to talk about their observations of different plants and what they notice about their growth.