

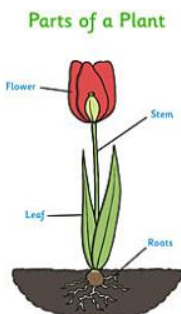


Plants

Science
Year 2
Summer Term

Overview

During this topic we will be exploring a range of different plants, looking at how plants grow and what they need to survive. We will also be conducting various experiments testing the key elements plants need to grow.



Knowledge & Understanding

In this unit, the pupils will:

- observe and describe how seeds and bulbs grow into mature plants
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Enquiry Skills & Concepts

In this unit, the pupils will be:

- asking simple questions and recognising that they can be answered in different ways
 - observing closely, using simple equipment
 - performing simple tests
 - identifying and classifying
 - using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions

Home – School link project

During this topic pupils can choose to:

- grow your own plants, fruit and vegetables at home and keep a diary of how they grow.

Topic Vocabulary

bulb - a plant bud that begins to grow underground

flower - the part of a plant that has petals and that makes fruit or seeds

germinate –when a seed begins to grow and shoots out

petal - part of a flower head, brightly coloured

root - the part of a plant grows underground to take up water and nutrients

seedling - a young tree or plant grown from a seed

stem - the main part of a plant that grows up from the ground

Working Scientifically

classify – to sort things into different groups

compare – to describe similarities and differences

describe – to tell or write about something in pictures or words

equipment – objects used for a particular activity

investigate – to find out the answer to a scientific question using tests and observations

observe – to look closely

predict – to use prior knowledge to state the outcome

test – to gather information through hands on activities.