St Peter's Roman Catholic Primary School

Science KS1 Cycle A & C

Growing Plants

What is this topic about? In this topic we will learn to observe and describe how seeds and bulbs grow into mature plants. We will also find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.



I will show my scientific skills by…

Making **close observations** of seeds and bulbs.
Classifying seeds and bulbs.
Researching and planning when and how to plant a range of seeds and bulbs.
Looking after the plants as they grow – weeding, thinning, watering etc.
Making **close observations** and measurements of their plants growing from seeds and bulbs.
Making comparisons between plants as they grow.

At the end of the Topic I will know…

- Plants may grow from either seeds or bulbs. These then germinate and grow into seedlings which then continue to grow into mature plants.
- These mature plants may have flowers which then develop into seeds, berries, fruits etc
- Seeds and bulbs need to be planted outside at particular times of year and they will germinate and grow at different rates.
- Some plants are better suited to growing in full sun and some grow better in partial or full shade.
- Plants also need different amounts of water and space to grow well and stay healthy

KEY VOCABULARY

Labelling features: plant, seedling, tree, leaf, flower, blossom, petals, fruit, root, bulb, seed, stem, branch, twig, trunk.
Flowering plant – a plant which produces flowers
root/roots- transports water and nutrients/minerals around the plant
leaf/leaves- use sunlight and water to produce the plant's food.
stem/trunk - holds the leaves and flowers up in the air
flowers - the part of the plant which is responsible for reproducing more plants
Common names for plants: e.g. daisy, dandelion, oak tree, etc
light, shade, sun, warm, cool, water, grow, healthy