



Y2 Science: Plants

- 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.

Prior Learning

- Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. (Y1 - Plants)
- Identify and describe the basic structure of a variety of common flowering plants, including trees. (Y1 - Plants)

Future Learning

- Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers. (Y3 - Plants)
- Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant. (Y3 - Plants)
- Investigate the way in which water is transported within plants. (Y3 - Plants)
- Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. (Y3 - Plants)

What Pupils Need To Know Or Do To Be Secure

- Show understanding of a concept using scientific vocabulary correctly

Key Learning

- 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.

Possible Evidence

- Can describe how plants that they have grown from seeds and bulbs have developed over time
- Can identify plants that grew well in different conditions

Key Vocabulary

As for Year 1 plus light, shade, sun, warm, cool, water, grow, healthy

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