

Glenfield Infant School Knowledge Organiser

Year 1 - Summer 1	Science	Plants - Introduction to plants
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What should I already know?

I can help plant bulbs and observe the changes to them as they grow.

I can help plant potatoes and flower seeds and observe the changes to them as they grow.

I can harvest potatoes and talk about the changes they have gone through from seed potato to chips.

Vocabulary:

Bulb	A round part under the soil that grows into a plant.
Deciduous	A tree or plant that loses its leaves in autumn.
Evergreen	A tree or plant that keeps its leaves all year round.
Garden plants	Plants that people grow in their gardens.
Roots	Parts of a plant that grow under the ground and take in water.
Stem	Part of a plant that holds the plant up and carries water to the leaves and flowers.
Wild plants	Plants that grow by themselves in nature, not planted by people.

1. What is a plant?



A plant is a living thing that grows in the ground and has leaves or flowers. Plants need water, sunlight, and air to live.

4. What are evergreen and deciduous trees?



- change colour
- fall in winter
- wide
- flat

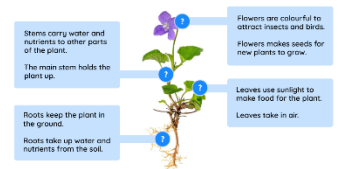


- always green
- tough and waxy
- narrow
- needle-like



A deciduous tree loses its leaves seasonally. Evergreen trees keep their green leaves all year.

2. What are the parts of a plant?



Roots keep plants in the ground and take up water. The leaves take in the air and use sunlight to make food. The stem holds the plant up and carries water to other parts of the plant. The flower is colourful and attracts insects. It also makes new seeds so new plants can grow.

5. How can we sort seeds and bulbs?



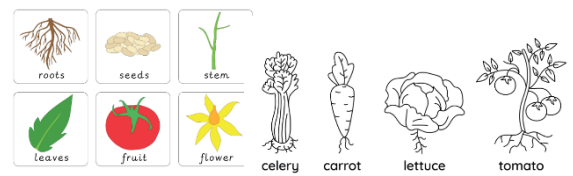
Some plants grow seeds inside fruits or flowers. The petals are colourful to attract insects. Some plants grow bulbs underground. Seeds and bulbs grow into new plants when given water and sunlight. Seeds can travel by wind, water or animals. This helps plants spread and grow in different places.

3. What are wild and garden plants?



Garden plants are plants that have been planted and are looked after by humans. Wild plants are plants that grow naturally without help from humans.

6. Which plant parts can you eat?



We can eat different parts of fruits and vegetables. Depending on the fruit and vegetable, you could eat the roots, stems, leaves, fruits, flowers or seeds.