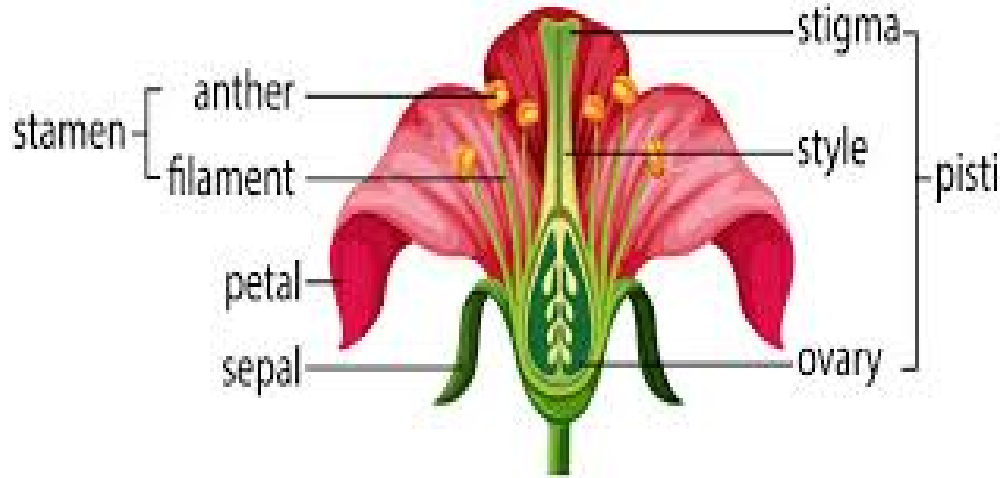


Plants: Year 5 Knowledge Mat

Common Flower Parts

Subject Specific Vocabulary

plantlets	Young or small plants.
asexual reproduction	Asexual reproduction produces individuals that are genetically identical to the parent plant .
sexual reproduction	Sexual reproduction in flowering plants involves the production of male and female gametes, the transfer of the male gametes to the female ovules in a process called pollination.
runners	A type of asexual reproduction.
cuttings	A type of asexual reproduction.
bulbs	A type of asexual reproduction.
gametes	The male and female gamete fuse during pollination.



Facts about Plants

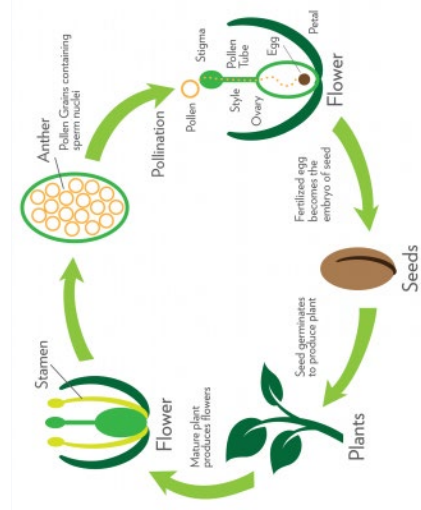
Plants reproduce both sexually and asexually.
Bulbs, tubers, runners and cuttings are examples of asexual plant reproduction which involves only one parent.
Gardeners may force plants to reproduce asexually by taking cuttings.
Sexual reproduction occurs through pollination, usually involving wind or insects.

Exciting books

Any book which allows children to learn about growing plants and gardening.

The book cover features a vibrant illustration of a garden with various flowers and people working in it. The title 'WE ARE THE GARDENERS' is prominently displayed in a stylized font.

Plant reproduction cycles:



How can plants reproduce?

Skills

What is sexual reproduction in flowers?

Observe the reproduction of flower plants over time.

What is asexual reproduction?

Observe how plants reproduce using bulbs, cuttings and runners over time.

How are different seeds dispersed?

Research how different seeds can be dispersed.

Knowledge

- To describe and identify the life process of reproduction in some plants and animals.