Life Cycle of a Plant

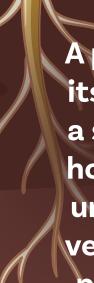




Germination

Stems & Koots

Pollination is the transfer of pollen from an anther to a stigma



A plant starts its journey as a seed, which holds a small, undeveloped version of the plant inside.

Seeds

Warmth, air, and moisture start the process of seed germination.
The seed detects the pull of gravity and responds by sending its root down and shoot up.

After it has leaves and roots, the plant can make its own food in a process called photosynthesis. At this stage it is no longer dependent on food supply from the seed.

The plant begins
to mature and
form flowers
which contain
the reproductive
organs - stamens
producing pollen
and pistils
producing ovules.

Insects, birds, and the wind can carry pollen from plant to plant. After pollination flowers transform to fruits with seeds inside.



AGRIYOUTH RESOURCE HUB: EMPOWERING YOUNG FARMERS AND EDUCATORS

