

Nova's Botanical Flashcards

Learning objective: To identify and describe the functions of different parts of flowering plants and understand the life cycle of plants.

Read the front of the card to test your knowledge about plant biology. Flip to the answer to check if you are correct. Use these to quiz a partner!

What is the main function of the roots?

To anchor the plant in the soil and absorb water and minerals.

Which part of the plant produces seeds?

The flower.

What is the process where a seed starts to grow into a new plant?

Germination.

What does the stem do for the plant?

It supports the leaves and flowers and transports water and nutrients between the roots and leaves.

What is the female part of the flower called?

The carpel (which includes the stigma, style, and ovary).

What is the male part of the flower called?

The stamen (which includes the anther and filament).

What are the three things a plant needs for photosynthesis?

Sunlight, water, and carbon dioxide.

What is the function of the leaves?

To make food for the plant through photosynthesis.

What is the name for the movement of pollen from the anther to the stigma?

Pollination.

Name one way that seeds are dispersed.

By wind, water, animals, or by exploding from the seed pod.

What do the sepals do?

They protect the flower bud before it opens.

What is the sugary liquid inside flowers that attracts insects?

Nectar.