



The Shoot

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The part of the plant that grows above the soil is called the shoot.

Parts of the Shoot:

- Stem
- Branches
- Leaves
- Flowers
- Fruits

The Stem

The main part of the shoot.

Grows branches, leaves, flowers, and fruits.

Types of Stems:

- Soft stem → Found in plants like banana.
- Hard stem (trunk) → Found in mango and banyan trees.

Functions of Stems

Support:

Makes the plant stand upright.

Transport of Water and Nutrients:

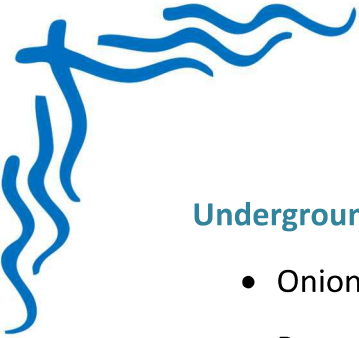
Carries water and nutrients from the roots to the rest of the plant.

Food Transport:

Moves food made by leaves to all parts of the plant.

Food Storage in Stem:

Sugarcane → Stores food in the stem.



Underground stems that store food:

- Onion
- Potato
- Ginger

Tip for Students:

Shoot = Above soil → Includes stem, branches, leaves, flowers, and fruits.

Stem functions = Support + Transport + Food storage