



PUBLIC SCHOOL DARBHANGA
SESSION (2020-21)
CLASS-7
SCIENCE
NUTRITION IN PLANTS

Facts of nutrition in plants:

- ✓ All organisms take food and utilize it to get energy for the growth and maintenance of their bodies.
- ✓ Green plants synthesize their food themselves by the process of photosynthesis. They are autotrophs.
- ✓ Plants use simple chemical substances like carbon dioxide, water and minerals for the synthesis of food.
- ✓ Chlorophyll and sunlight are the essential requirements for photosynthesis.
- ✓ Complex chemical substances such as carbohydrates are the products of photosynthesis.
- ✓ Solar energy is stored in the form of food in the leaves with the help of chlorophyll.
- ✓ Oxygen is produced during photosynthesis.
- ✓ Oxygen released in photosynthesis is utilised by living organisms for their survival.
- ✓ Fungi derive nutrition from dead, decaying matter. They are saprotrophs. Plants like *Cuscuta* are parasites. They take food from the host plant.

A few plants and all animals are dependent on others for their nutrition and are called heterotrophs