

WELCOME TO THE ONLINE CLASS

SESSION NO.: 3

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 6

CHAPTER NAME: PLANTS- PREPARING AND STORING FOOD

SUB TOPIC: HOW DO PLANTS USE THEIR FOOD?

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

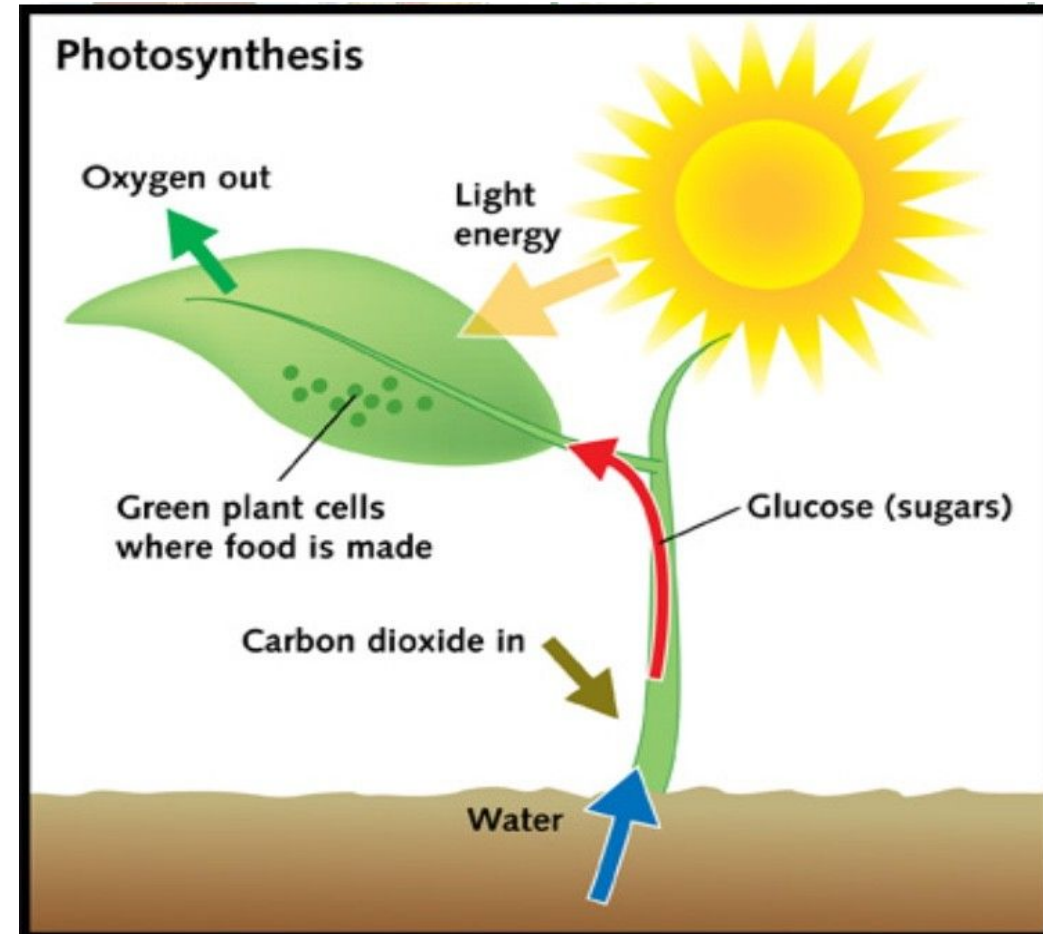
- **Understand the different ways of using food in plants.**

RECAPITULATION

- During photosynthesis, plants take in carbon dioxide and water from the air and soil.
- Midrib is formed by double pipeline of cells.
- Midrib is formed by double pipeline of cells , where pipelines carries water and minerals.
- On the underside of a leaf are tiny pores called stomata.
- Its main function is the exchange of gases by opening and closing the pores in the leaves.

HOW DO PLANTS USE THEIR FOOD?

- The food prepared by plants is in the form of simple sugar.
- Plants use the energy of the sun to change water and carbon dioxide into a sugar called *glucose*.



Simple sugar is used in a number of ways by the plant:

1. It is used to get energy.
2. Some of it is used for growth.
3. Extra food is stored in the form of starch in leaves, stem or roots.

STARCH: Starch is a white, odorless and tasteless substance found in leaves and in some food item.



- Extra food is stored in the form of starch in leaves, stem or roots.
- We eat that part of the plant which has food stored in it.



Bread



Cereals



Rice



Potatoes



Beans

SUMMARY

- The food prepared by plants is in the form of simple sugar.
- Plants use the energy of the sun to change water and carbon dioxide into a sugar called *glucose*.
- Extra food is stored in the form of starch in leaves, stem or roots.
- We eat that part of plant where food is stored in the form of starch.



Q1. Food prepared by plant are stored in which form?

Ans: Starch

Q2. In which form food is prepared in the plants?

Ans: Simple Sugar

Q3. Plants use the energy of the sun to change water and carbon dioxide into a sugar called _____.

Ans: glucose

HOMEWORK

- Do the oral Q & A of page no. 51.

LEARNING OUTCOME

The learner will be able to:

- **Understand the different ways of using food in plants.**

THANKING YOU
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