

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:

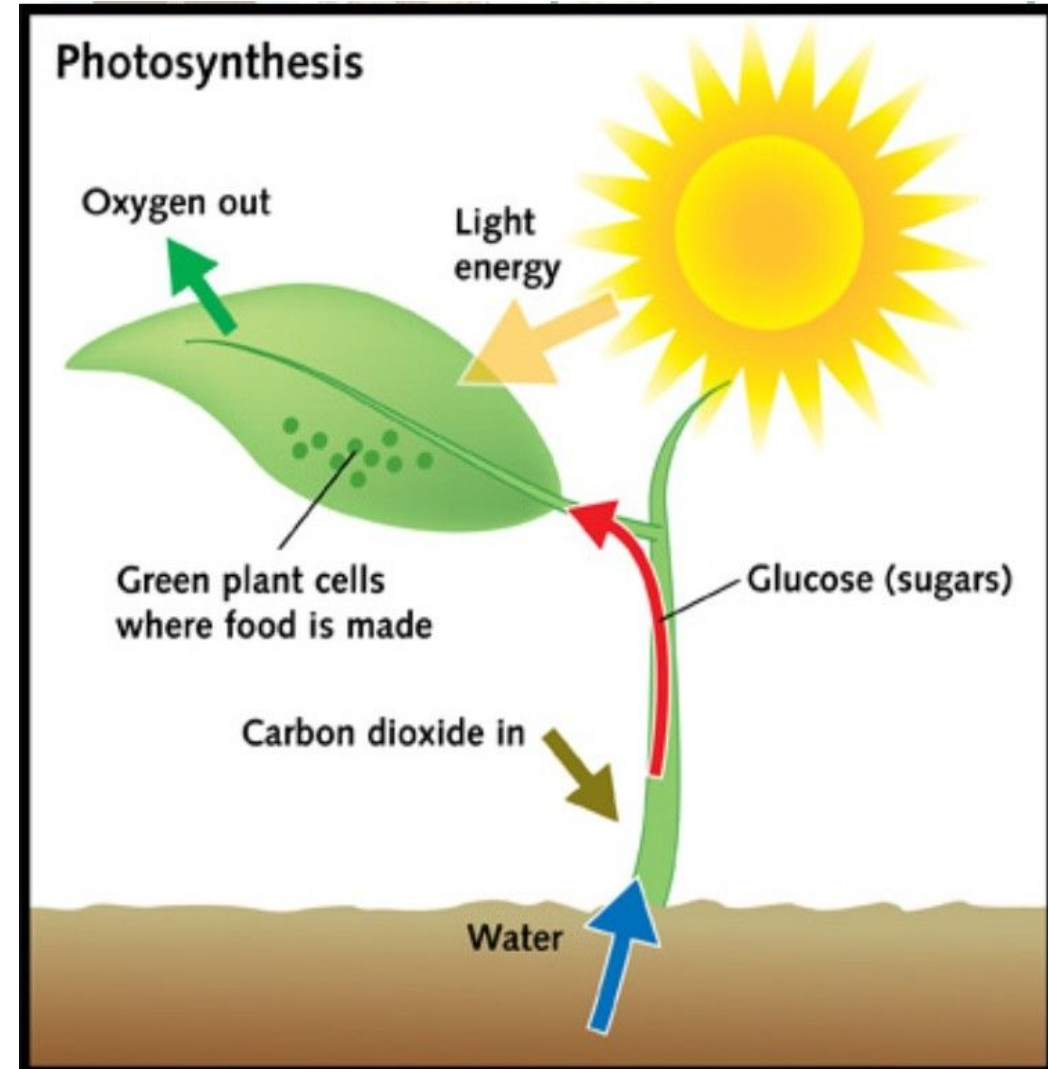
- Understand the different ways of using food in plants.

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*.
- Glucose in plant: This process helps plants convert the energy they take in from sunlight into sugar which help to nourish the plant.



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

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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. How are the extra food stored in the plants?

Ans: Starch

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 and learn chapter-1,2 & 5.**

LEARNING OUTCOME

The learner will be able to:

- Understand the different ways of using food in plants.

THANKING YOU
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