

# **WELCOME TO THE ONLINE CLASS**

**SESSION NO.: 4**

**CLASS: 4**

**SUBJECT: SCIENCE**

**CHAPTER NUMBER: 6**

**CHAPTER NAME: PLANTS- PREPARING AND STORING FOOD**

**SUB TOPIC: SOME UNUSUAL PLANTS**

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**CHANGING YOUR TOMORROW**

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# LEARNING OBJECTIVE

To enable the learner to:

- know about some unusual plants

# RECAPITULATION

- 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.

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



GOYAL  
BROTHERS  
PRAKASHAN

**TO SHOW THAT STARCH  
IS IS PRESENT IN  
THE LEAVES**



GOYAL  
BROTHERS  
PRAKASHAN



**TO SHOW THAT  
SUNLIGHT IS  
NECESSARY FOR  
PHOTOSYNTHESIS**



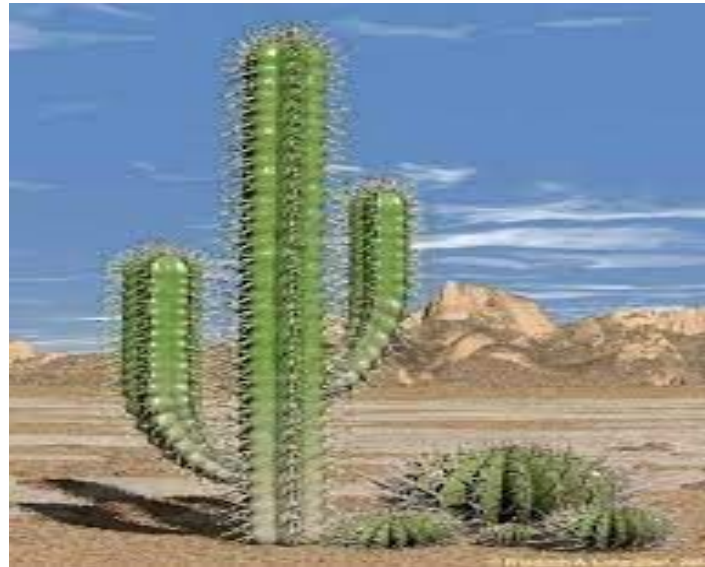
# To show that chlorophyll is NECESSARY FOR PHOTOSYNTHESIS



Goyal Brothers Prakashan

## SOME UNUSUAL PLANTS

- Some plants like the cactus do not have leaves.
- Where ,then they prepare their food?



***They make food in their green stems.***

## SOME NON-GREEN PLANTS



**MUSHROOMS**



**MOULDS**

**MUSHROOMS:** a fungal growth that typically takes the form of a domed cap on a stalk.

**MOULDS:** it is a type of fungus grows on stored food, fabrics or any part of a plant.



- **Moulds and mushrooms are non-green plants.**
- **They do not have chlorophyll.**
- **They cannot make their foods.**
- **They get their food from dead and decaying plants and animals.**



# CROTON



- Leaves of some plants like the croton have chlorophyll, but they appear dark red.
- This is because of the presence of a red substance that hides the green chlorophyll.

# PHOTOSYNTHESIS TAKE PLACE IN SUCH LEAVES

- **Yes, it does, because chlorophyll is present in these kind of leaves.**
- **Croton plants have chlorophyll but other red pigments are more in number than the chlorophyll so they are not green in colour they can perform photosynthesis.**

# **SUMMARY**

- **Cactus prepare its food in its green stem.**
- **Moulds and Mushrooms are non-green plants.**
- **The leaves of some plants are dark red in colour as they have red substance that hides the green chlorophyll.**
- **Some plants like moulds and mushrooms get their food from dead and decaying plants and animals.**



**Q1. Where does cactus plants prepare their food?**

**Ans: Stem**

**Q2. Name any two non-green plants.**

**Ans: Moulds and Mushrooms**

**Q3. Which plant appear dark red in colour but have green chlorophyll?**

**Ans: Croton**



# **HOMework**

- **Draw the pictures of some unusual plants.**
- **Do the short Q & A in the notebook.**

# LEARNING OUTCOME

The learner will be able to:

- know about some unusual plants

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**