

WELCOME TO THE ONLINE CLASS

SESSION NO.: 5

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 6

CHAPTER NAME: PLANTS- PREPARING AND STORING FOOD

SUB TOPIC: ENERGY FLOW IN LIVING THINGS, ANIMALS AND PLANTS DEPEND UPON EACH OTHER.

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **recognize the interdependence between plants and animals**
- **the energy flow between them**

RECAPITULATION

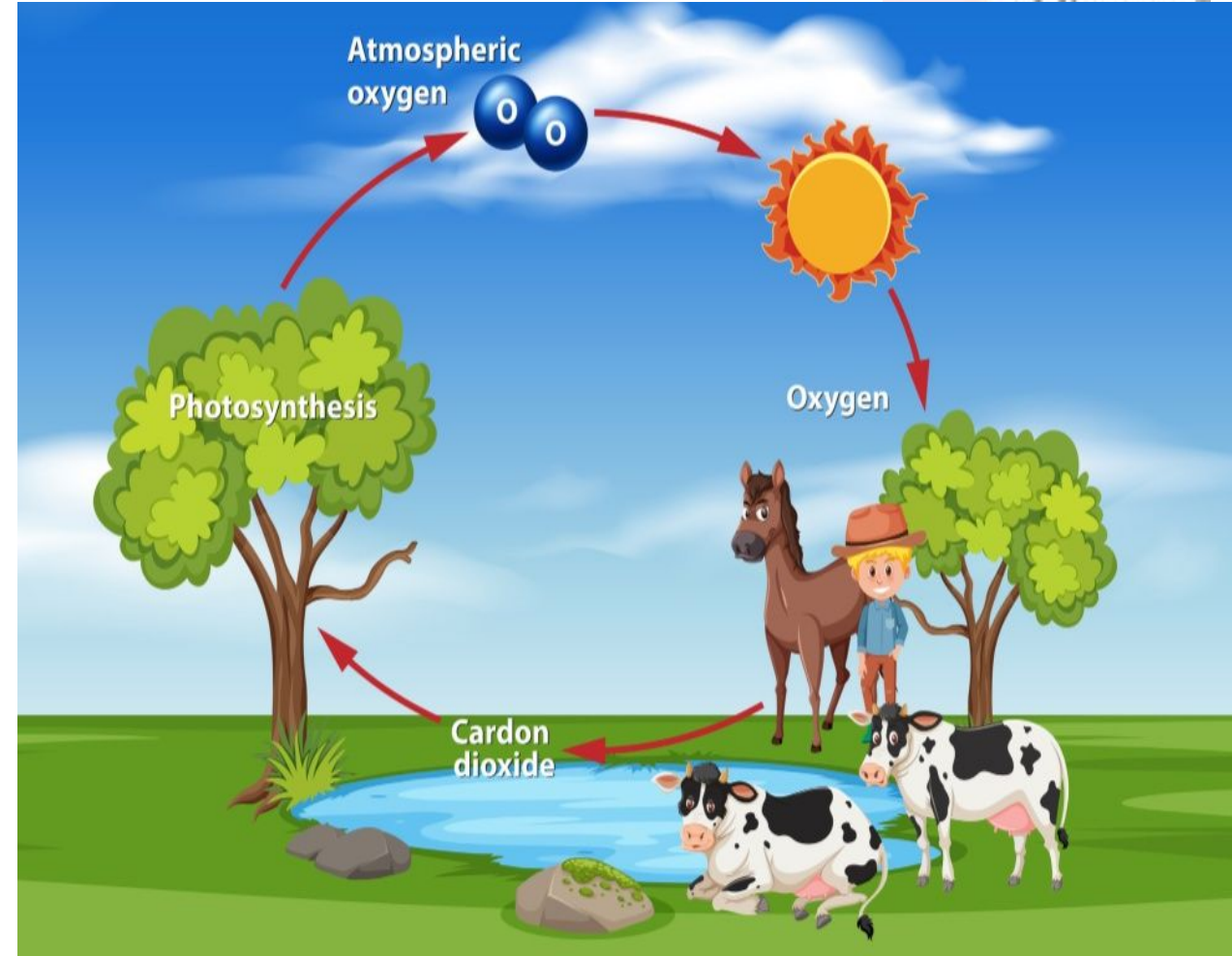
- **Where does cactus plant prepare its food?**
- **Name two non green plants?**
- **The leaves of some plants are dark red in colour as they have _____ that hides the green chlorophyll.**
- **How do non green plants get their food?**

ENERGY FLOW IN LIVING THINGS

- We need energy for every activity we do.
- This energy comes from food.
- This food is prepared by green plants.
- The energy flow through living organisms starts with sunlight and photosynthesis.



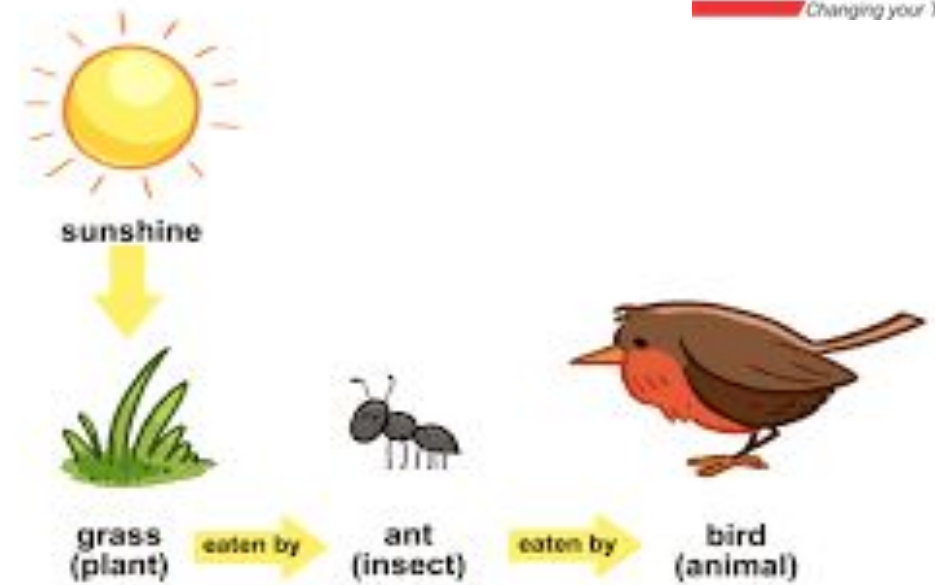
- **Green plants trap the sun's energy during photosynthesis to prepare food.**
- **This energy is passed on to humans and animals when they eat the plants.**



ANIMALS AND PLANTS DEPEND ON EACH OTHER

Animals need food to eat and oxygen to breathe.

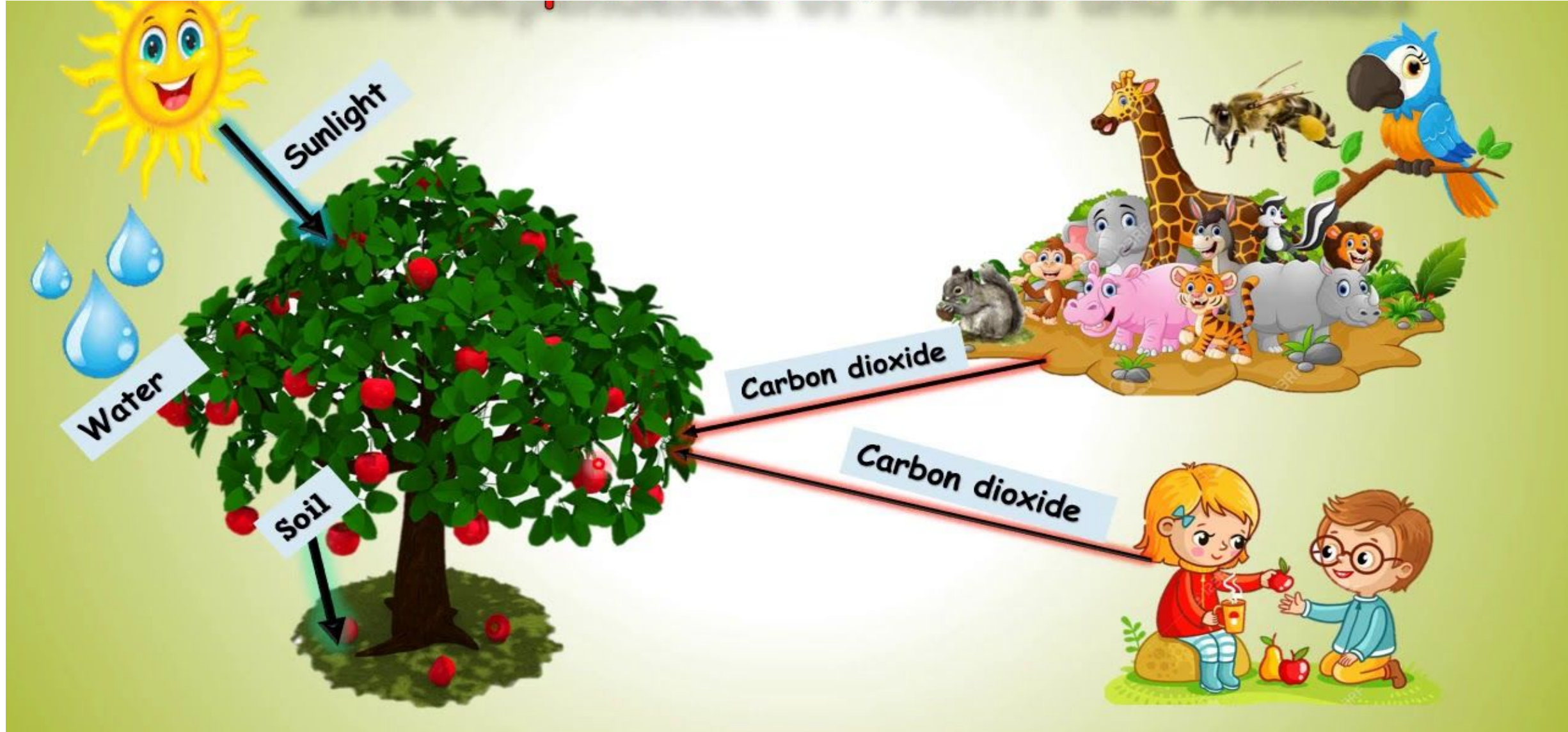
- Plants give animals this food and oxygen.
- This is why fish live longer in an aquarium with water plants in it, than in one without them.



- **Plants need carbon dioxide to prepare food.**
- **Animals breathe out carbon dioxide.**
- **This is used by plants. So, plants and animals depend on each other.**



INTERDEPENDENCE BETWEEN PLANTS, ANIMALS AND HUMANS



WRITE SHORT ANSWERS

1. What do green leaves need to produce food?

Ans: Green leaves need water, carbon dioxide and sunlight to prepare food.

2. From where do leaves get energy for preparing food?

Ans: Sunlight provides energy to leaves for preparing the food.

3. In what form is extra food stored in plants?

Ans: In the form of starch the extra food is stored in the plant.

4. Name the part of a cactus plant that prepares food for the plant.

Ans: Stem helps cactus plant to prepare its food.

5. Leaves of croton appear dark red. Do these leaves have chlorophyll?

Ans: Leaves of croton have chlorophyll they appear dark red because of the presence of red substances that hides the green chlorophyll.

HOMEWORK

- **Draw the pictures showing the interdependence between plants and animals.**

LEARNING OUTCOME

The learner will be able to:

- **recognize the interdependence between plants and animals**
- **the energy flow between them**

THANKING YOU
ODM EDUCATIONAL GROUP