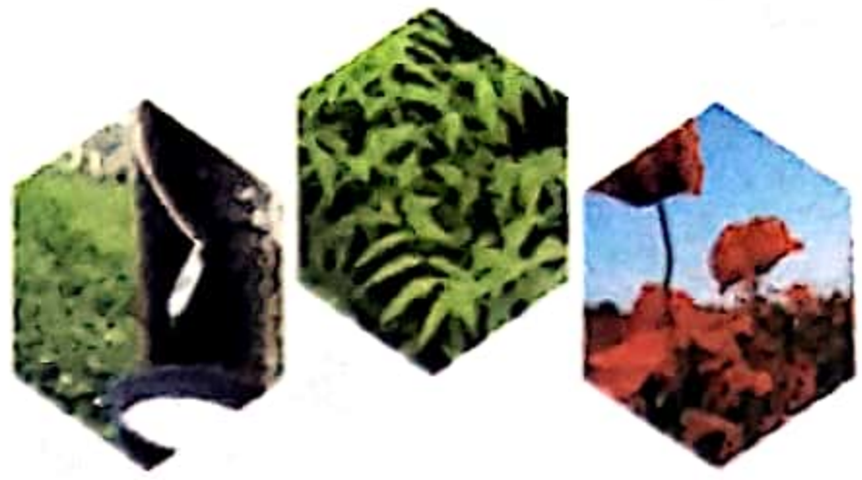
Uses of Plants



Note

In this unit we will learn about :

i. Different uses of plants.

ii. Foods we get from plants.

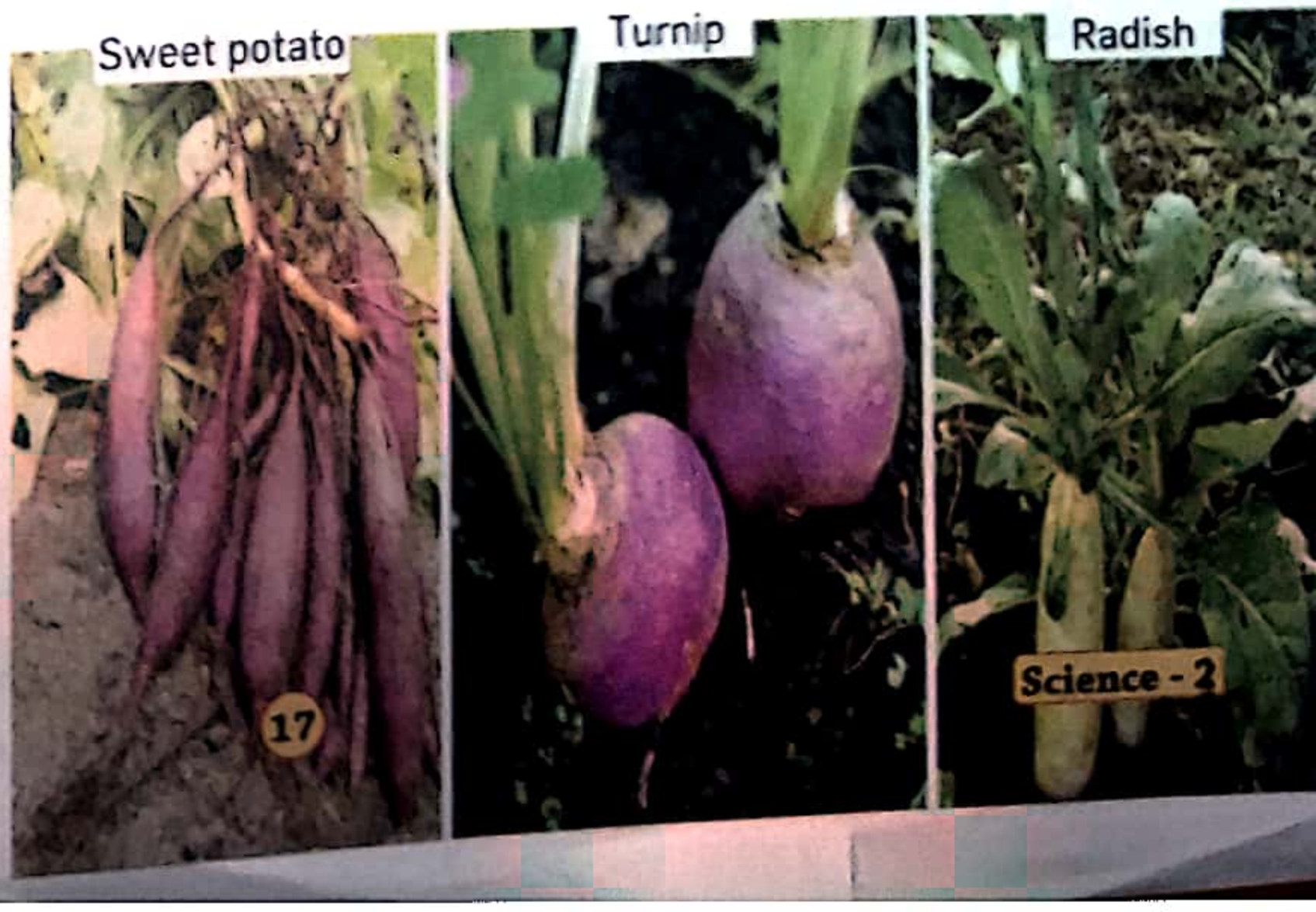
Plants give us many things. Plants give us food, medicines, fibre, rubber, wood, oil and many other such things. The wood for our pencil comes from plants. The paper we write on comes from plants. Most of our food comes from plants. We breathe in oxygen which we get from plants. In other way, we can say that plants are our life supporters.

Food Materials

Plants give us fruits, vegetables, pulses, cereals (or food grains), oil, nuts and many other things.

Food From Plants

We get fruits and vegetables from different parts of a plant. We eat roots of some plants. **Examples** are sweet potato, radish, carrot, turnip.



Potato

Ginger

Sugarcane

Spinach

Cabbage

Lettu

We eat **stems** of some plants like potato, ginger and sugarcane.

We eat **leaves** of some plants.

Examples are spinach, cabba lettuce, methi and coriander, wh are very useful to us.

Try to answer it

1. Name the root we eat.
2. What do plants give us?

We eat **flowers** of some plants. Examples are cauliflower and broccoli.

Fruits of some plants are eaten by us. **Example** are orange, banana, grapes, papaya, apple etc.

Cauliflower

Broccoli

Banana

Grapes

Apple

Orange

Seeds of some plants are eaten by us in the form of grains (or cereals) and puls

Example are pea, gram, wheat, rice, corn, beans.

Pea

Wheat

Rice

Corn

Bean

Plants give us drinks

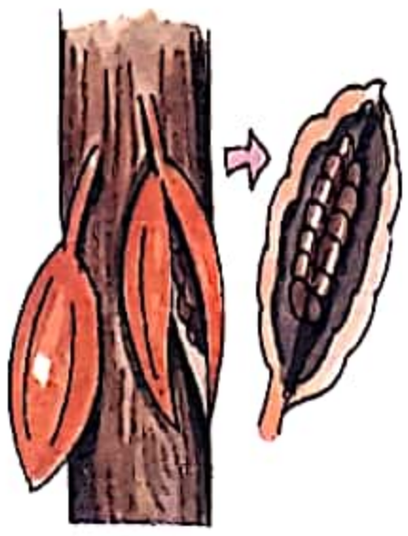
Some plants give us **drinks** like tea, coffee or cocoa. **Leaves** and **seeds** of some plants are used to obtain these. **Example** are tea is obtained from tea leaves. **Coffee** is made from seeds of coffee plant. **Cocoa** is obtained from fruits of cocoa tree.

Plant give us spices

Many spices like cardamom, cinnamon, pepper, are obtained from **plants**. Spices make our food more tasty. Spices are dried seeds.

Coffee plant

Tea plant



Cocoa tree

Cinnamon

Cardamom

Pepper

Other Products From Plants

Medicine

We get medicine from some plants.

Neem

Tulsi

Poppy

Turmeric

Cloves

Fact File

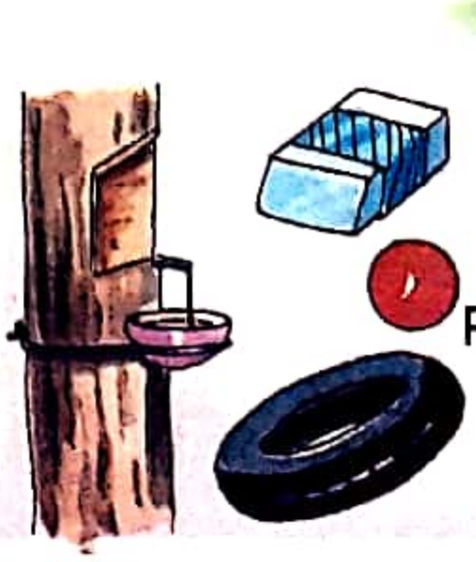
Turmeric is a good antiseptic.

Paper, Rubber and Gum

We get paper from bamboo, eucalyptus tree, gum from keeker tree and rubber from rubber plant.

Paper is made from bamboo

Gum is made from juice of keekar tree



Rubber is made from juice of rubber tree

Fibre from jute plant is used to make ropes, sacks, mats

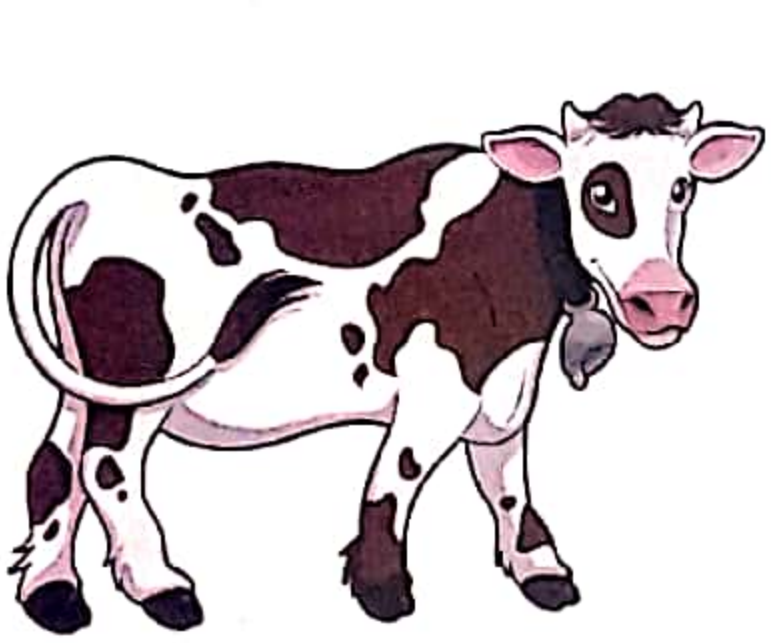
Fibre from cotton is used to make clothes

Fibres

We get **cotton fibre** from cotton plant and **jute** from jute plant. These fibres used to make clothes, ropes, bags etc.

Fodder and Shelter to Animals

Some plants provide fodder or food for animals.



Cow

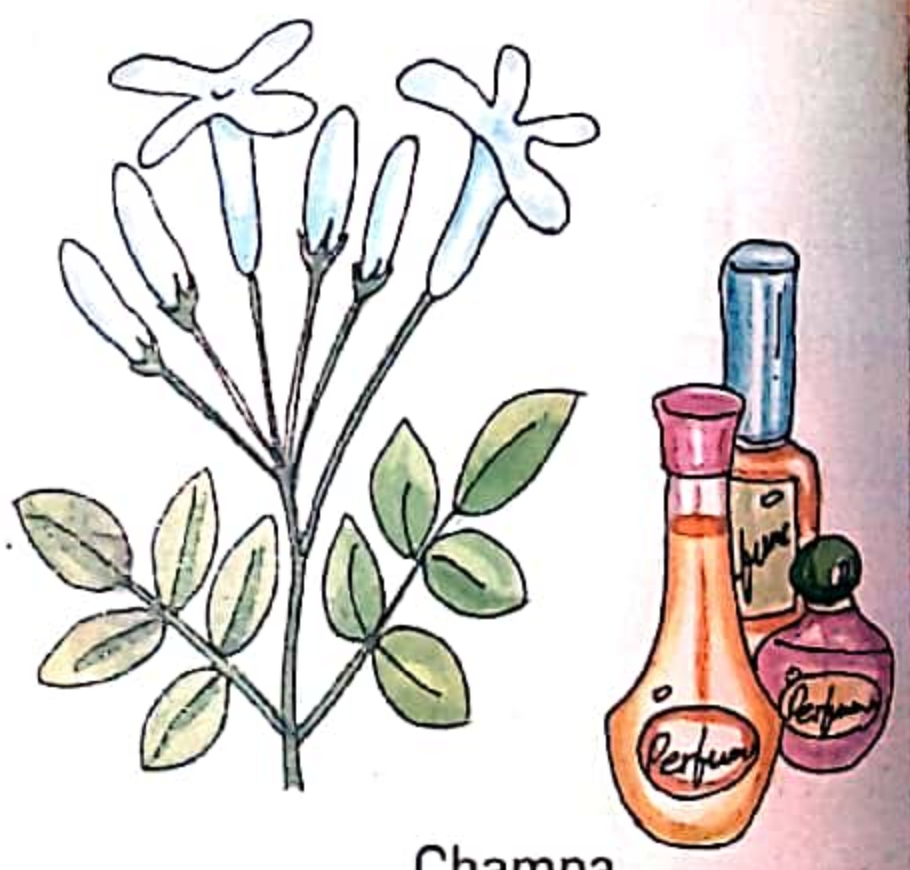
Goat

Oil

The seeds of sunflower, groundnut, mustard, coconut are used to get oil. We use oil for cooking, applying on hair, medicine, making soap. Seeds containing oil are called **oilseeds**.

Perfumes

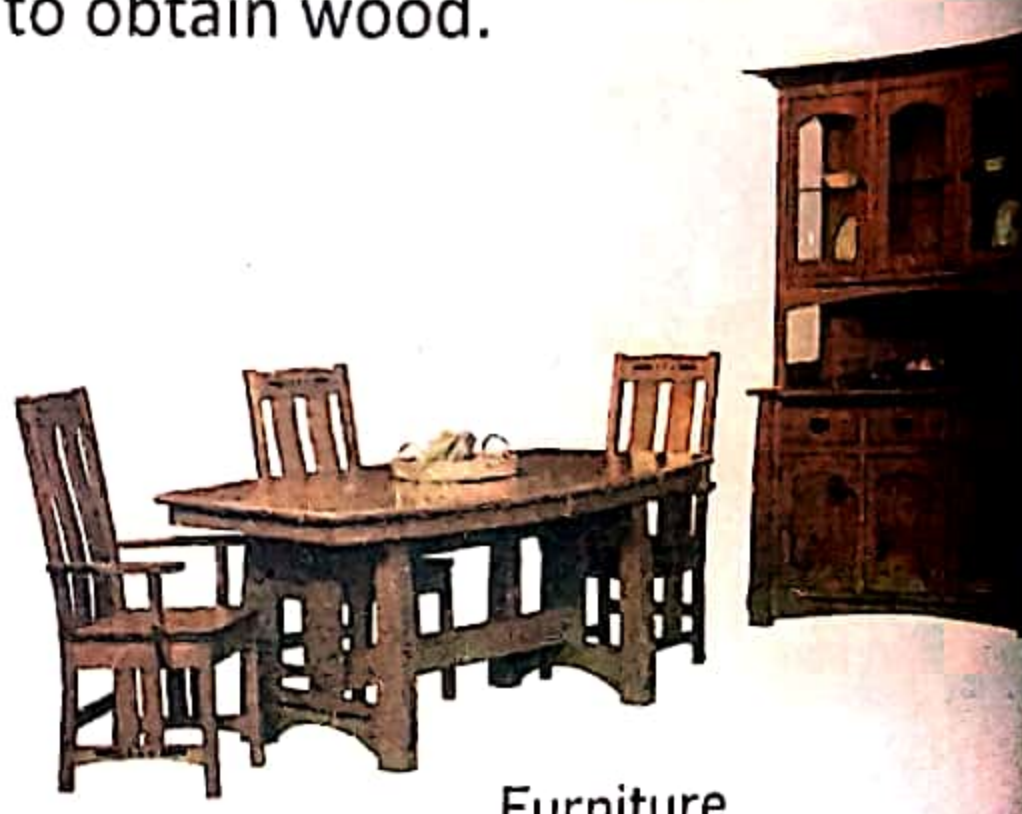
We get **perfumes** from flowers some plants. **Example:** Rose, Jasmi Lavender, Champa.



Champa

Wood

We use the thick stems of some tre to obtain wood.



Furniture

This wood is used to make furniture and houses. Wood is also used for cooking. **Examples** are trees like teak, shisham and walnut etc.

Try to answer it

1. Seeds of which plants give us oil?
2. What are the uses of wood we get from plants?

Beverages

We use flowers and fruits of some plants like lemon and mango to make sherbets, juices, jams and pickles.

Juice

Jam

Some More Important Uses of Plants

Some plants can be used as hedges in homes and parks. **Example**: muraya, mehndi etc. Some plants are used for decoration of buildings. Example: Money plant, Croton, etc. Flowers are the beautiful parts of a plant. They are used for decoration.

Plants make air fresh and clean by taking in carbon di-oxide and giving out oxygen. We breathe in oxygen. The fallen leaves and other parts of the plants rot and mix in our soil to make it fertile.

Plants make the air fresh and clean.

Sum Up

- Plants give us fruits, vegetables, pulses, cereals, oils, drinks etc.
- We eat roots, stems, leaves, flowers, fruits and seeds of differ plants.
- We get drinks like tea, coffee and cocoa from plants.
- We get medicines, wood, paper, rubber and gum from plants.
- Plants give fodder and shelter to animals.
- Plants and flowers are used for decorating buildings, hous banquets halls etc.
- We get oil, timber and perfumes from plants.
- Plants make our air fresh and clean.
- Fallen leaves and other parts of the plant mix in the soil and mak fertile.

New Terms

Food material - The material we eat as food.
Beverage - an item to drink.
Cereals - seeds of some plants.
Fibre - thread like material

Exercise Time

A. Tick (✓) the correct option :

1. Carrot is a _____.
   (i) root ☐ (ii) stem ☐ (iii) leaf ☐
2. We get paper from _____.
   (i) bamboo ☐ (ii) rubber ☐ (iii) keekar ☐
3. We eat _____ of sweet potato.
   (i) root ☐ (ii) stem ☐ (iii) fruit ☐

B. Answer the following questions :

1. What do plants give us ?

_____

_____

2. How do we use the wood obtained from plants ?

3. How are fibres useful to us ?

4. Why should we plant trees around our house ?

5. Name few things that we use as drinks, obtained from plants.

C. Fill in the blanks from the words given in the box :

turnip	sunflower	bamboo	jasmine	ropes

1. _____ plant is used in making paper.
2. The flower of _____ plant is used to make perfumes.
3. We eat the roots of _____ plant.
4. _____ seeds are used to make oil.
5. We make _____ from jute plant.

D. Name a plant which gives us the following :

1.	Oil	_____	6.	Medicine	_____
2.	Fibre	_____	7.	Paper	_____
3.	Perfumes	_____	8.	Rubber	_____
4.	Gum	_____	9.	Cereals	_____
5.	Flower	_____	10.	Wood	_____

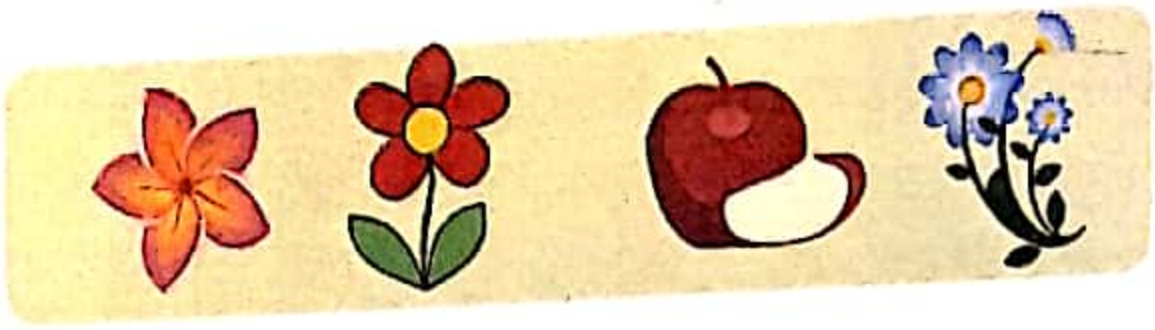
Do and Learn

A Tick (✓) the things that come from plants and cross (x) those that do not :

1. Cotton	☐	2. Salt	☐	3. Coffee	☐	4. Rubber	☐
5. Plastic	☐	6. Jute	☐	7. Tin	☐	8. Glass	☐

B Circle the one that does not belong to the group :

1.



2.

3.

4.

Science Activity

1 Go around your house or your school and look arou carefully. Think and write the name of each object that y see. Divide them in two groups (1) Which obtained plants (which do not obtained form plants. Make a list of at least fi things in each column in your notebook as given belo

Column A	Column B
Obtained from plants	Not obtained from plants
_____	_____

Life Skills

Observe different food items in your kitchen. Find out the items which you get from trees.

HOTS (Higher Order Thinking Skills)

How you can say that plants are our life supporters?