

# Uses of Plants

## 3



Plants provide us with many things which we need in our life. They provide us with food, medicines, clothing and shelter.

### IMPORTANCE OF PLANTS

We use many plants and their products for different purposes. We grow useful plants.

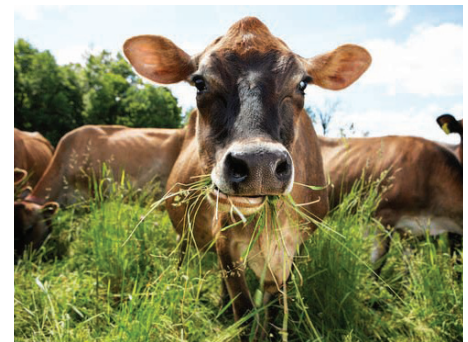
#### Food

Human beings and animals depend on plants for food.

We eat different parts of plants.



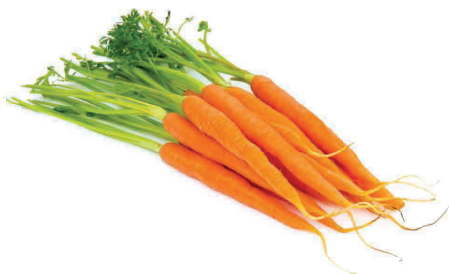
*A boy eating an apple*



*Cow eating grass*

#### Roots

We eat roots of some plants.



*Carrot*



*Radish*



*Beet Root*

### STEMS, LEAVES AND FLOWERS

We eat the stems of plants like potato, onion and sugarcane.

## Stems



*Potato*



*Onion*



*Sugarcane*

## Leaves

We eat the leaves of plants like cabbage, lettuce and spinach.



*Cabbage*



*Lettuce*



*Spinach*



*Cauliflower*



*Broccoli*

## Flowers

We eat the flowers of plants like cauliflower and broccoli.

## Fruits

We eat fruits of some plants.



*Apple*



*Orange*



*Pomegranate*

## Seeds

We eat the seeds of some plants. Cereals and pulses are seeds of plants. We get cereals like rice, wheat, maize, bajra, etc., from the plants.



*Wheat*



*Rice*



*Maize*



*Jowar*



*Bajra*

Seeds of some plants are used as pulses like beans, peas, gram, soyabean, etc.



*Gram*



*Beans*



*Peas*



*Soyabean*

## Spices

We get spices from plants. They add taste, colour and aroma (pleasant smell) to our food. Cardamom, coriander, pepper and turmeric are some of the spices.



*Cardamom*



*Coriander*



*Turmeric*

## SOME OTHER PRODUCTS OF PLANTS

### Oil

We get oil by crushing the seeds of some plants like sunflower, mustard and groundnut. We mainly use oil to cook food.



*Sunflower oil*



*Mustard oil*



*Groundnut oil*



*Sunflower seeds*



*Mustard seeds*



*Groundnut seeds*

### Coffee, Tea and Sugar from Plants

We get coffee, tea and sugar from plants.

We get coffee from the coffee beans. We get tea from the leaves of tea plant. We get sugar from sugarcane plant.



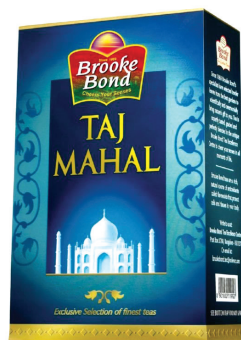
*Coffee beans*



*Coffee jar*



*Tea leaves*



*Tea pack*



*Sugarcane*



*Sugar*



*Tulsi*



*Cloves*

Some plants also give us medicines. For example, **tulsi** leaves are used to cure cold. **Cloves** are used to cure toothache.

## Wood from Plants

We get wood from trees like teak, sal, walnut, neem, sheesham, etc. Wood is used to make many things like table, chair, pencil, boat and many other things. We also use wood to make doors and windows of houses.



*Boat*



*House made of wood*



*Table – Chairs*



*Pencils*

Wood is also used as **fuel**.

## OTHER USES OF PLANTS

### Fibre

Plants give us fibre for making cloth, sacks, ropes and mats. Cotton, jute and flax are chief fibres obtained from plants.



*Cotton plant*



*Dress made of cotton*



*Jute plant*



*Basket made of jute*

### Rubber, Gum and Paper from Plants

We get rubber from the latex of the rubber tree. It is used to make tyres and pipes.

We get gum from the juice of the acacia or keekar tree.

We make paper from the bamboo plant.



*Rubber plant*



*Tyre*



*Acacia*



*Gum*



*Bamboo*



*Paper*

## Perfumes from Plant



*Rose and Jasmine*



*Perfumes*

- We make perfumes from some sweet-smelling flowers like rose and jasmine.
- Plants make our world green and beautiful. They keep the air clean and fresh.

## Know the Keywords :

Cereals	:	Seeds of plants like wheat and barley.
Pulses	:	Seeds of plants like pea and kidney beans.
Fibres	:	Material obtained from plants, used to make cloth.
Latex	:	Thick white liquid that is produced by the rubber tree.

## Point to Remember

- Plants are useful to us in many ways.
- Plants give us food, oil and medicines.
- We also get coffee, tea and sugar from plants.

- We get wood, fibre, rubber, gum and paper from plants.
- Plants make the air fresh and clean.

## EXERCISE TIME

### A. Tick (✓) the correct option :

- We get perfume from this plant \_\_\_\_\_.  
 a. bamboo  b. rose  c. neem
- Gum is made from \_\_\_\_\_.  
 a. keekar  b. jasmine  c. water lily
- Jute is a kind of \_\_\_\_\_.  
 a. fibre  b. oil  c. wood
- Wood is used as a \_\_\_\_\_.  
 a. food  b. fuel  c. toy

### B. Write 'T' for True and 'F' for False against each statement :

- We get sugar from the neem tree.
- We get oil from the seeds of the sunflower plant.
- Furniture is made from wood.
- Rose and jasmine flowers are used to make perfumes.
- Coffee is made from tea leaves.

### C. Match the following :

#### Column A

- Cotton
- Tulsi
- Bamboo
- Pulses

#### Column B

- body-building food
- used to make paper
- herb used to treat cold
- fibre used to make clothes

### D. Fill in the blanks :

- Plants give us clean \_\_\_\_\_ to breathe. (air/water)

2. A boat is made from \_\_\_\_\_ . (cloth/wood)
3. Tyres are made from \_\_\_\_\_ . (keekar/rubber)
4. \_\_\_\_\_ are used to cure toothache. (cloves/tulsi)

**E. Answer the following questions :**

1. Why do we call plants our green friends?  
\_\_\_\_\_
2. Name any three oil-giving plants.  
\_\_\_\_\_
3. Name two flowers from which perfumes are made.  
\_\_\_\_\_
4. What do we get from the cotton plants?  
\_\_\_\_\_
5. What are spices ? Why do we use them in our food? Name any two spices.  
\_\_\_\_\_
6. What do we make with wood?  
\_\_\_\_\_

**Activity Time**



- Visit a vegetable garden near your home and name all the possible plants you see there.

\_\_\_\_\_

\_\_\_\_\_



**Creative Work**

- Write a small poem or few lines to describe your favourite fruit or flower using some describing words in the space given below.
- (Hint : Colour, smell, size, shape and taste)

\_\_\_\_\_

\_\_\_\_\_