



Useful Plants

We'll cover the following key points:

- Uses of Plants
- Parts of Plants in Use



Hi, I'm EeeBee

Still curious?
Talk to me by
scanning
the QR code.



Learning Outcomes

By the end of this chapter, students will be able to:

- Learn that plants give us food like fruits, vegetables, and grains.
- Understand that some plants give us medicine to help us feel better.
- Know that we use plants for making clothes, like cotton.
- Learn that trees give us wood to make furniture and houses.
- Understand that some plants give us oil, like mustard and sunflower.



Let's Start

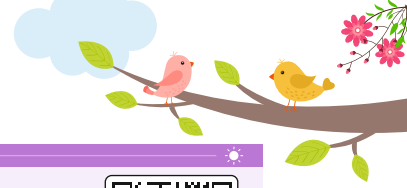
Nisha and her mother

Nisha, you eat ice-cream only. You should also eat fruits.

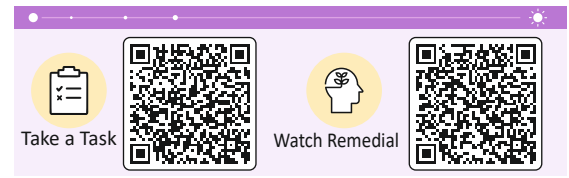
I also eat an apple every day.

Can you tell me, Nisha what is an ice-cream made of?

Yes mom, teacher told us that it is made of milk and sugar.



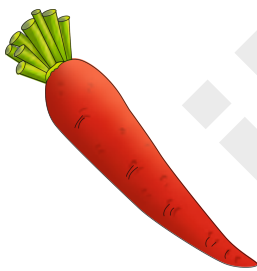
We can see many plants around us.
Plants have many uses.
Plants help to keep air fresh and clean.



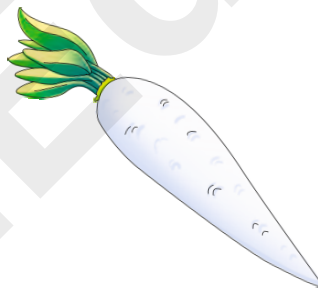
Beautiful garden

1. We get many things from plants.

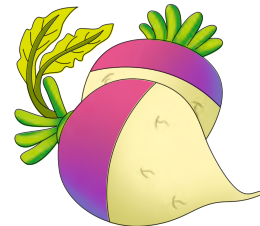
- Plants give us **food**.
- We eat the roots of some plants like carrot, radish, turnip, beetroot, etc.



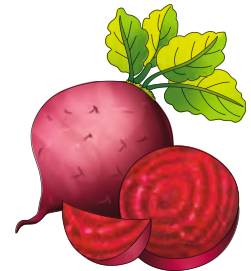
Carrot



Radish

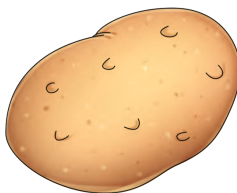


Turnip

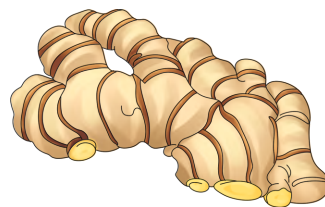


Beetroot

- We eat the stems of some plants like potato, ginger, sugarcane, etc.



Potato



Ginger



Sugarcane



- We eat **leaves** of some plants such as cabbage, mustard, spinach, etc.



Cabbage



Mustard (Sarson)

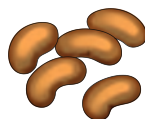


Spinach (Palak)

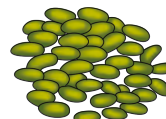
- We eat **seeds** of some plants like beans, gram, rajmah, moong, etc.



Chana (Gram)



Rajmah



Moong

- We use **grains** of some plants like wheat, barley, maize, etc. for eang.



Wheat



Barley



Maize

- We get fruits and vegetables from plants.



Apple



Banana



Tomato



Brinjal



Let's Do

Put each of the following in right basket:

Leuce`

Dal

Mango

Gram

Spinach

Beetroot

Rice

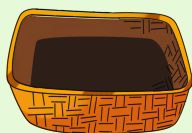
Apple

Wheat

Sugarcane

Ginger

Carrot



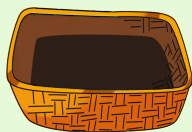
Root Vegetable



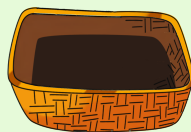
Fruits



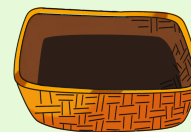
Leaf Vegetable



Grains

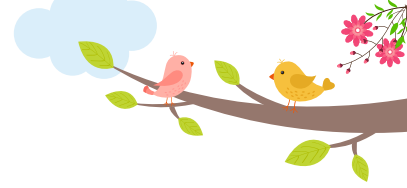


Seeds



Stems



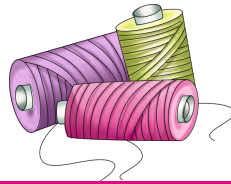


2. Plants give us **fibres** like cotton and jute.

- Cotton fibre is used to make thread and clothes.



Cotton plant

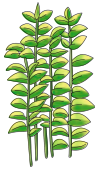


Cotton thread



Cotton clothes

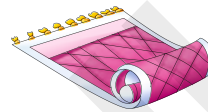
- Jute fibre is obtained from **hemp**. It is used to make ropes, sacks, bags and mats.



Jute plant



Jute rope



Jute mat



Jute sack

3. Plants give us many other things.

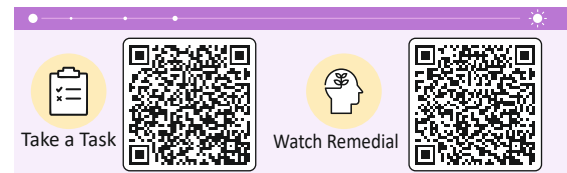
- Acacia tree gives us **gum**.



Acacia tree



Gum



- Plants give us **oil**. Oil is used for cooking, medicines, etc.



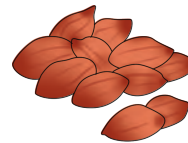
Coconut tree



Coconut



Sunflower



Groundnuts

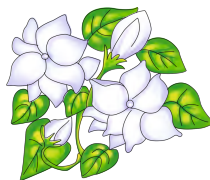


Cooking oil

- Flowers of plants like rose and jasmine are used to make **perfumes**.



Rose



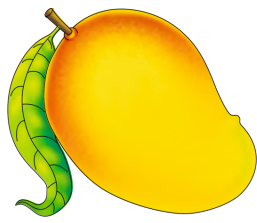
Jasmine



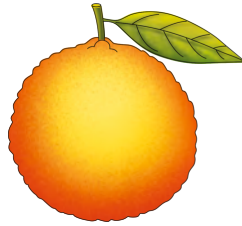
Perfume



- **Juices** are made from fruits like mango, orange and litchi.



Mango



Orange



Litchi



Juices

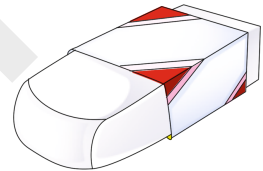
- We get **rubber** from the rubber tree. Rubber is used for making tyres, erasers, etc.



Rubber tree

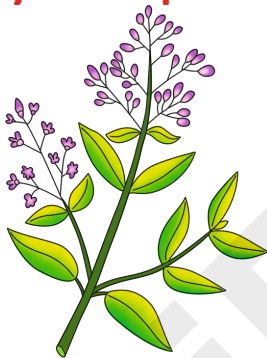


Tyres

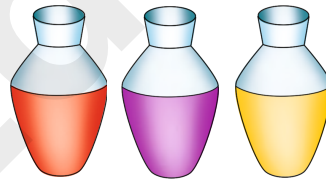


Erasers

- **Dyes** and **paints** are also obtained from plants.



Henna plant



Dyes

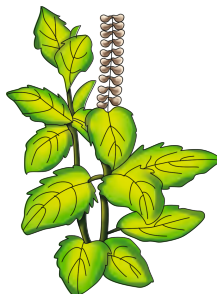


Paints

- We can make **medicines** from some plants like neem, tulsi, aloe vera and clove.



Neem



Tulsi

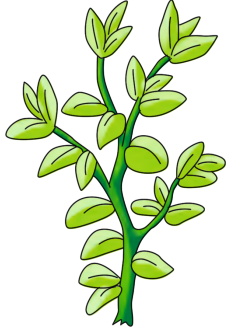


Aloe vera



Clove plant

- We also get **tea**, **coffee** and **sugarcane** from plants.



Tea plant



Coffee beans



Sugarcane

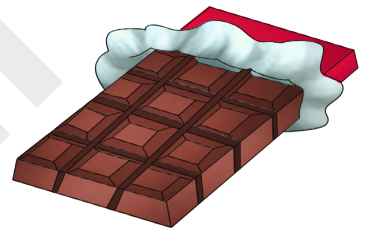
- Cocoa** seeds are used for making chocolates.



Cocoa Plant



Cocoa Beans

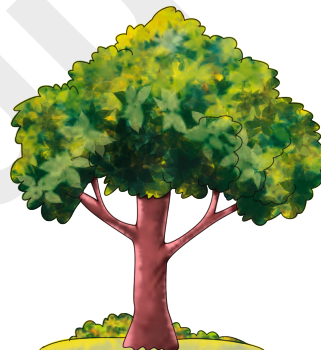


Chocolate

- We get wood from some trees.



Oak Tree

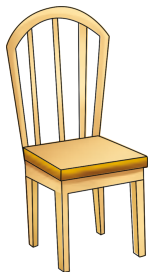


Walnut Tree



Sheesham Tree

- We can make many things like furniture, doors, etc. from wood.



Chair



Table



Bed



Almirah



Rack



- Flowers and leaves from plants can be used to make **garlands** and bouquet for decoration and greet someone.

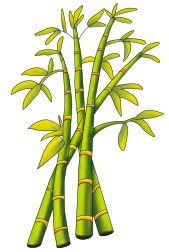


Garland



Bouquet

- Dead flowers and leaves can be used as **manure**.
- Trees such as **bamboo** also give us wood, which can be made into pulp and then into **paper**.



Bamboo Tree



Let's Do

List the name of plants from which we get the following things:

- | | | | |
|----------------|-------|------------|-------|
| 1. Jam | | 2. Squash | |
| 3. Juice | | 4. Soup | |
| 5. Cooking oil | | 6. Perfume | |
| 7. Pickle | | 8. Sugar | |

We can see the different benefits of plants.

So, we should take care of plants and grow more trees.



Word Treasure

- Fibre** : A material used for making clothes, ropes etc.
- Hemp** : A plant which gives us jute.
- Manure** : A material which helps plants to grow better.
- Bamboo** : A plant which gives us wood to make paper.



Let's Revise

- We get many things of our uses from plants— vegetables, fruits, cereals or seeds, wood, gum, rubber, medicines, etc.
- We should take good care of plants.

Clean and Green Exercises



Gap Analyzer..
Take a Test

Fruits,
Root, Stem,
Leaves

A. Which part of the following plant do we eat?

1. Tomato plant :
2. Sweet potato :
3. Cabbage :
4. Radish :

B. Name any five uses of plants:

1.
2.
3.
4.
5.

C. Tick (✓) the things we get from plants and cross (✗) the things which we do not get:

EGGS



PENCIL



GUM



PEN



COMB



TEA CUP



PERFUME



CLOTH



BOOK

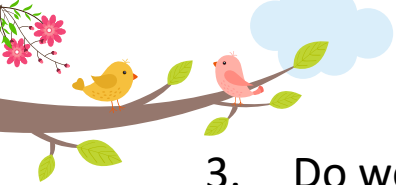


RING



D. Answer the following questions:

1. Name any two plants whose roots are eaten.
(a) (b)
2. Name any two plants which give us fibres.
(a) (b)



3. Do we also get wood from a plant? What are its uses?

(a)

(b)



Write the name of the things which can be made from the following plants.

Name of the plants	Name of the things made
Neem	
Rose	
Cocoa beans	
Bamboo	
Coconut	



Custom Learning Path



What is the use of dry leaves fallen from the trees?



Wonder Explorers

Uses of Plants

STEM

Let's learn about how plants are useful to us in our daily lives.

Activity: Plant Uses Chart

1. **Task:** Create a table with "Plant" and "How it helps us."
2. **Steps:** Write the names of different plants (e.g., neem, banana, wheat) and their uses (e.g., neem is used for medicine, wheat is used for food).
3. **Activity:** Share your chart with the class and explain each use.

Learning

Understand the importance of plants and the different ways they help us, such as giving us food, medicine, and oxygen.

Skills Covered: Observation, Creativity, Communication

Little Techies

Artificial Intelligence

Ask an AI device like Alexa or Siri:

1. What are some common uses of plants?
2. How do plants help the environment?

Skills Covered: Logical thinking, Digital literacy, Curiosity

Colors and Creations

Art

Draw a picture of a plant and label its parts (roots, stem, leaves, flowers, and fruits). Use bright colors to make it vibrant. Share your drawing and explain how each part is useful to us.

Skills Covered: Creativity, Expression, Collaboration

Language Links

Learn and write the names of plant parts in your mother tongue and one other language. Discuss how plants are used differently in various cultures.

Skills Covered: Language awareness, Social skills