

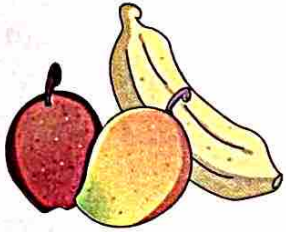


Uses of Plants

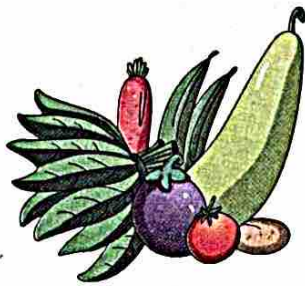
plants are very useful for us. They give us many things. Let's discuss them one by one:

plants Give us Food

We get food in the form of fruits, vegetables, nuts, cereals, pulses, oils, spices etc.



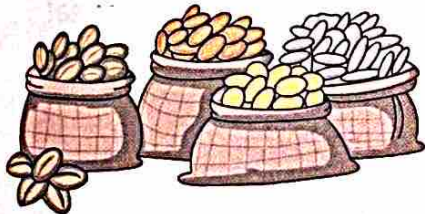
Fruits



Vegetables



Nuts



Cereals and pulses



Oils



Spices

- * Cereals and pulses together are known as foodgrains.
- * We get oil by crushing the seeds of plants like coconut, mustard, sunflower and groundnut.
- * Spices add flavour to our food.

Tea, Coffee, Sugar

We get tea from tea leaves.



Tea

Teacher's Tip

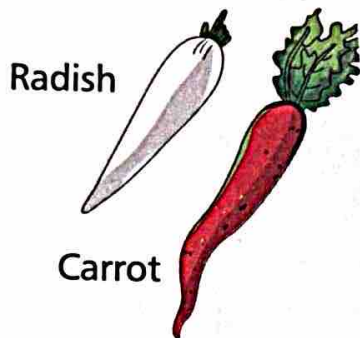
Ask the children to make a chart on uses of plants.

We get coffee from coffee beans.

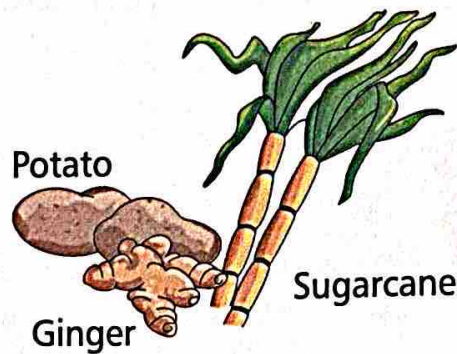


We get sugar from sugarcane.

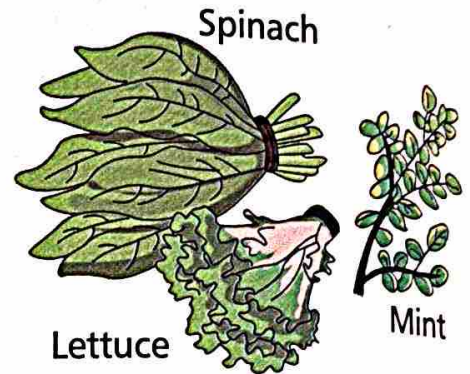
We get food from different parts of the plant also.



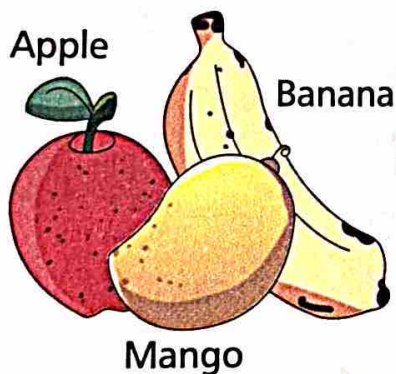
Roots



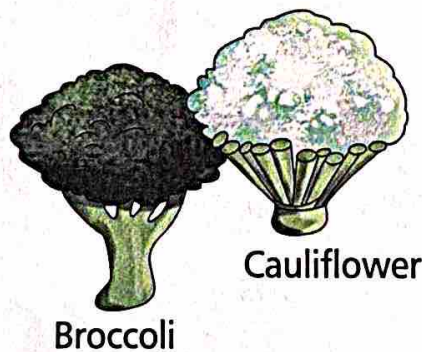
Stems



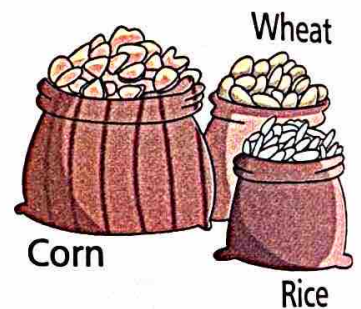
Leaves



Fruits



Flowers



Seeds

Plants give us medicines

We get medicines from some plants like...



Tulsi



Neem



Turmeric



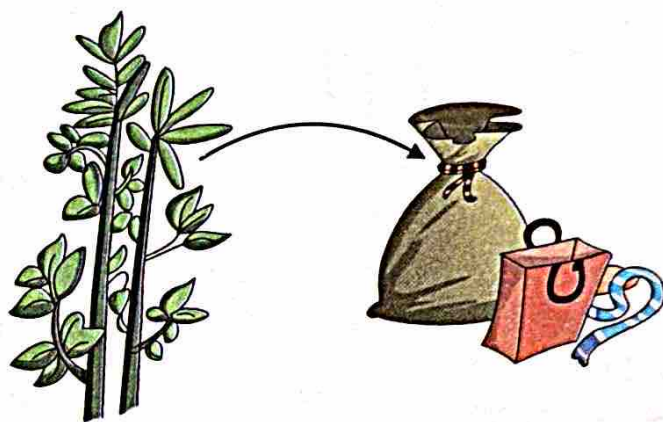
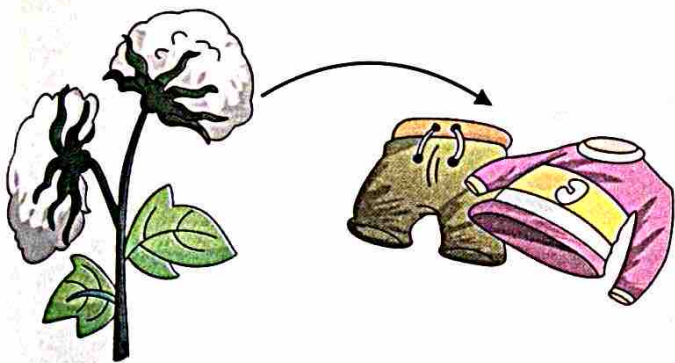
Aloe-vera

- ✿ Tulsi leaves are useful in treating cold and cough.
- ✿ Neem leaves are useful in treating toothaches.
- ✿ Aloe-vera is used to make medicines for skin problems.

Plants Give us Fibres

Plants give us fibres such as cotton and jute.

- ✿ We get cotton fibres from the cotton plant.
- ✿ We get jute fibres from the jute plant. It is used to make ropes, sacks and bags.



Plants Give us Rubber, Paper and Gum

- ✿ We get rubber from the rubber plant.
- ✿ We get paper from bamboo plant.
- ✿ We get gum from acacia plant.



Rubber



Paper



Gum

Plants Give us Perfumes

Flowers like rose, jasmine and lily are used to make perfumes.



Rose

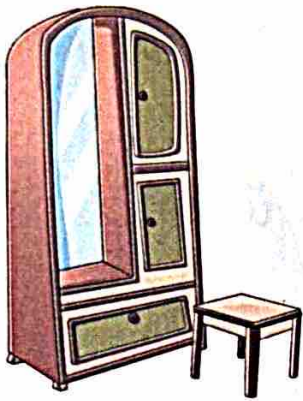


Jasmine

Plants Give us Wood

Plants give us wood. This wood is used to make chairs, tables, doors and windows.

Wood is also used for burning as a fuel.



Furniture



Doors and Windows



Wood fuel

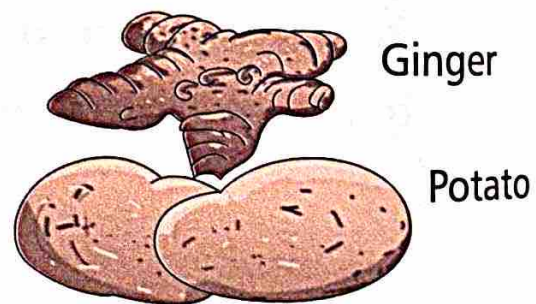
Modifications in Plants

Sometimes there are simple modifications in the parts of some plants. So, they perform functions other than their primary function.

Examples :

1. Modified Stems

Stems are modified in order to make and store food. Such kind of underground stems are found in ginger and potato.

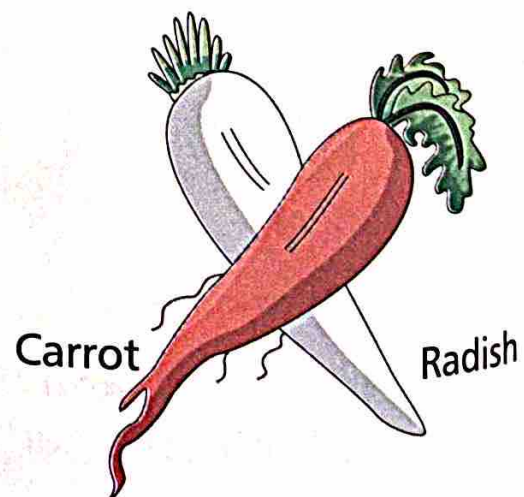


Ginger

Potato

2. Modified Roots

Roots are modified in order to store food. These are called storage roots. Such kind of storage roots are found in carrot and radish.



Carrot

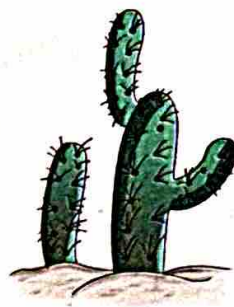
Radish

3. Modified Leaves

Sometimes leaves of some plants get modified into tendrils and spines. Tendrils help the plant in support. Spines conserve water.



Tendrils



Spines

Now we have learnt that plants are very useful for us. They not only make our world beautiful but also give us many things.

We should take care of plants.

Water them regularly and protect them from animals.



Let's Recall

- * Plants are very useful for us.
- * Plants give us fruits, vegetables, cereals, pulses, oils, spices, tea, sugar, coffee, etc.
- * Plants give us wood.
- * Plants give us perfumes and medicines.
- * Plants give us fibres.
- * Plants give us rubber, paper and gum.
- * We should take care of plants.

Let's Answer

A. Answer the following questions:

1. Why are plants useful?

2. Which flowers give us perfumes?

B. Give two examples of each of the following:

1. Modified stems

ginger

potato

2. Modified roots

carrot

radish

3. Modified leaves

tendrils

spines

4. Medicinal plants

tulsi

neem

5. Flowers that we eat

cauliflower

broccoli

6. Seeds that we eat

rice

wheat

7. Leaves that we eat

spinach

mint

C. Fill in the blanks:

1. Spices add flavour to our food.

2. We get tea from tea leaves.

3. We get rubber from rubber plant.

4. Tulsi leaves are useful in treating cold and cough.

5. We get fibres like cotton and jute from plants.

6. Cereals and pulses together are called foodgrains.

D. Write 'yes' or 'no':

1. We get tea from tea leaves.

yes

2. Spices add flavour to our food.

yes

3. We get medicines from lettuce.

no

4. We get paper from bamboo plant.

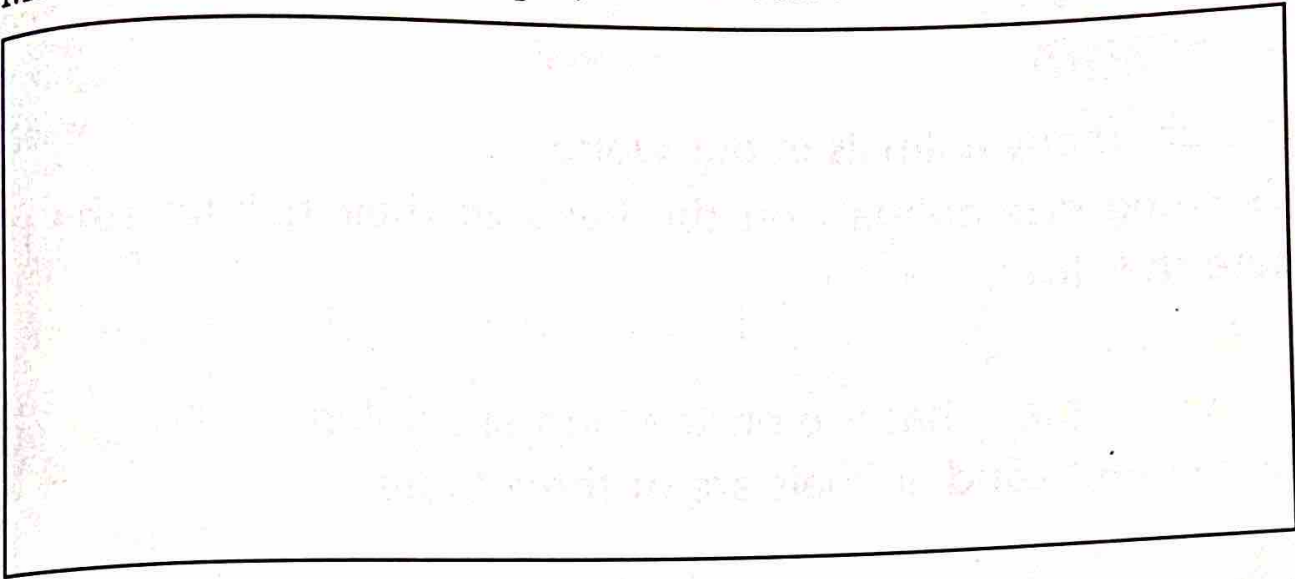
yes

5. Wood is used for burning as a fuel.

yes

Let's Do

A. Make a poster on 'Save Paper, Save Trees!'.



B. Tick (✓) or cross (✗) indicating which of the following are good or bad habits related to care of plants:

1.



2.



3.



4.



Tender Heart High School

Class - II

Date - 11.11.24

Subject - Environmental Studies

Teachers - Ms. Harjit Kaur, Ms. Gyeti Arora, Ms. Rupinder Kaur.

Lesson - 13, Uses of Plants

I Fill in the blanks:

1. Spices add flavour to our food.
2. We get tea from tea leaves.
3. We get rubber from rubber plant.
4. Tulsi leaves are useful in treating cold and cough.
5. We get fibres like cotton and jute from plants.
6. Cereals and pulses together are called foodgrains.

II Write true or false:

- | | |
|--|--------------|
| 1. We get gum from rubber plant. | <u>false</u> |
| 2. Wood is used for burning as a fuel. | <u>true</u> |
| 3. We get medicines from lettuce. | <u>false</u> |
| 4. We get paper from bamboo plant. | <u>true</u> |
| 5. Plants are very useful for us. | <u>true</u> |

III Match the following:

- | | |
|-------------|---------------|
| 1. Sugar | corn (5) |
| 2. Chair | neem (3) |
| 3. Medicine | bamboo (4) |
| 4. Paper | sugarcane (1) |
| 5. Seeds | wood (2) |

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