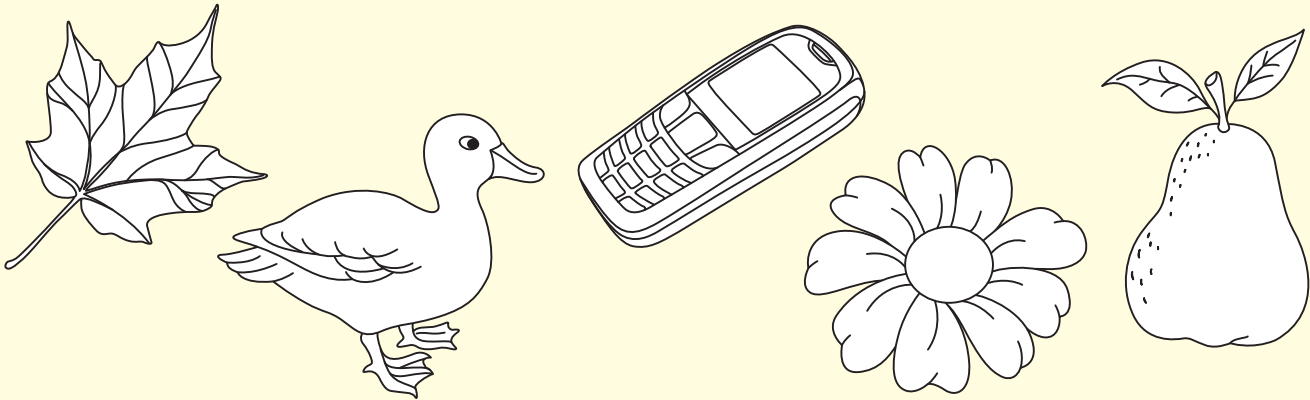


Plants Around Us

BEFORE WE START, LET'S CHECK

What you already know

Colour the things you see on a plant.



What you will know

What are the different types of plants?



What are the different parts of a plant?



How do plants grow?



We see plants all around us.

Plants make our surroundings beautiful.





DISCUSS WITH FRIENDS

How would our world look, if there were no plants?

TYPES OF PLANTS

Plants are of different types.

They are of different shapes and sizes.

Big plants

Some plants grow tall and strong.

They are called **trees**.

Some trees grow straight.



coconut palm



poplar



palm

Some trees grow straight and then spread out.



banyan



mango



gulmohar



LET'S DO IT

Go to a nearby garden with your teacher or parent. Observe the sizes and shapes of different trees there.

Small plants

Some plants are small but strong.
They are called **shrubs**.



rose



henna



sunflower

Some plants are small and weak.
They are called **herbs**.



mint



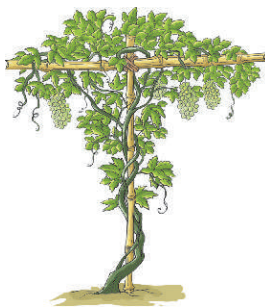
coriander



spinach

Thin and long/tall plants

Some plants are very thin and weak.
They cannot stand on their own.
They need support to stand.



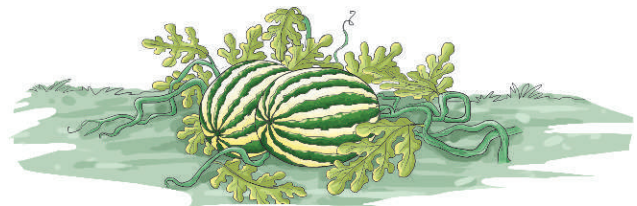
grapevine

Creepers grow along the ground.



pumpkin

Climbers take support of walls, other plants or poles and climb up.

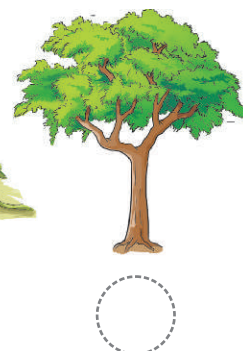
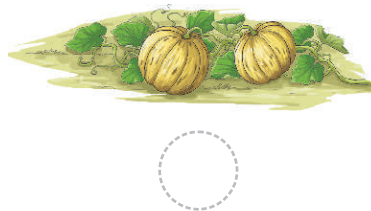
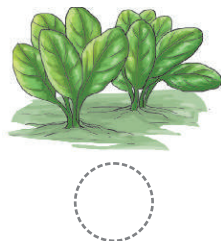
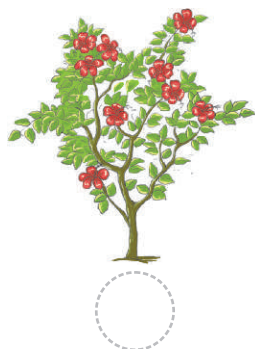
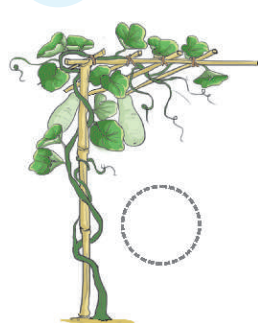


watermelon

Let's Recall



Write 'T' for a tree, 'S' for a shrub, 'H' for a herb, 'CL' for climber and 'CR' for a creeper.



PARTS OF A PLANT

BUD



The bud grows and becomes a flower.

FLOWER



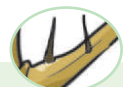
The flower is the colourful part. Some flowers smell sweet.

FRUIT



A flower turns into a fruit. Most fruits have seeds in them.

THORN



Thorns protect the plant from being eaten by animals.

LEAF



Leaves make food for the plant. Most leaves are green in colour.

STEM



The stem carries food and water from roots to all parts of the plant.

ROOTS

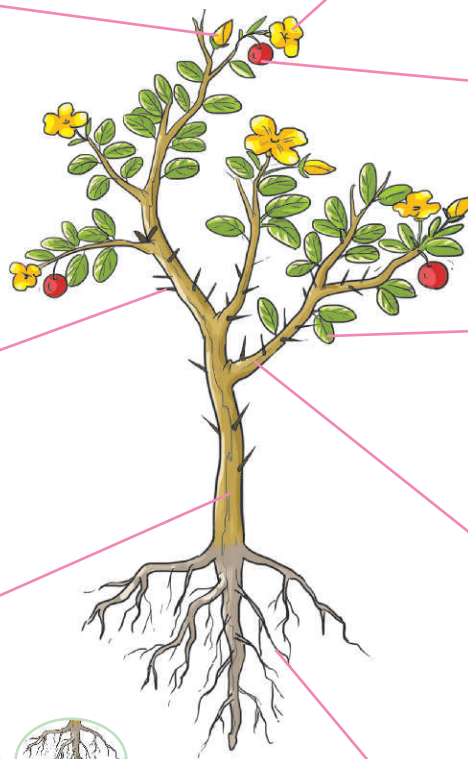


Roots fix the plant in soil. They take water and nutrients from the soil.

BRANCH



Branches carry food and water from the stem to the leaves.



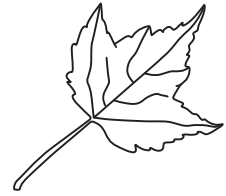
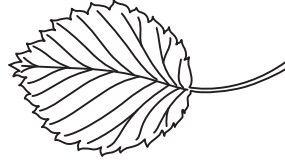
Leaves, fruits and flowers are of different shapes and sizes.



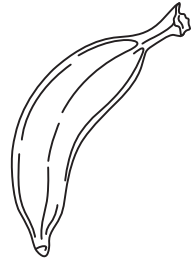
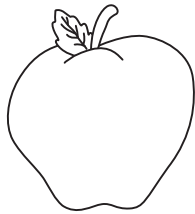
Fun and Learn

Colour the following suitably to make them look natural.

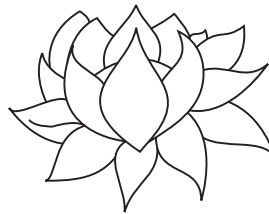
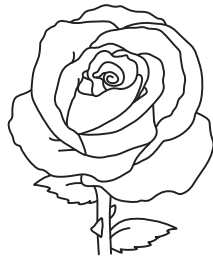
Leaves



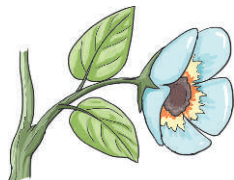
Fruits



Flowers



HOW DO PLANTS GROW?

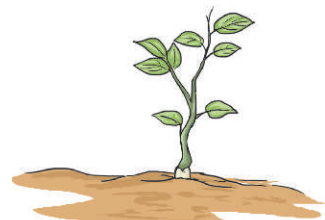


Plants form buds.

A bud blooms into a flower.

The flower turns into a fruit.

The fruit has seeds inside it.



A seed is sown in the ground.

The seed needs sunlight, water and air to sprout.

Soon, a plant grows from the seed.



Some fruits have only one seed inside them.



Some fruits have many seeds inside them.

Words to Remember

tree	– a big, tall and very strong plant
shrub	– a small but strong plant
herb	– a small and weak plant
climber	– a very thin plant that climbs up taking support of a wall, pole or another plant
creeper	– a thin and long plant that grows along the ground
seed	– a part of a plant that can grow into a baby plant
thorn	– a hard and sharp pointed part of some plants

Points to Recall

- * Plants are of many shapes and sizes.
- * Trees are tall and strong plants.
- * Shrubs and herbs are small plants.
- * Climbers and creepers are thin and weak plants.
- * Roots fix the plant firmly in the soil.
- * Leaves make food for the plant
- * A bud changes into a flower, which further changes into a fruit
- * Most fruits have seeds.
- * New plants grow from seeds.

Exercises

A. Tick (✓) the correct option.

1. Which of the following is a tree?

(a) mint

☐

(b) palm

☐

(c) rose

☐

2. Which of the following is a shrub?

(a) pine

☐

(b) gulmohar

☐

(c) henna

☐

3. Which of the following is a herb?

(a) spinach

(b) banyan

(c) pumpkin

4. Which of the following is a climber?

(a) sunflower

(b) grapevine

(c) coriander

5. Which of the following is a creeper?

(a) watermelon

(b) coconut

(c) mango

B. Tick (✓) the correct statements and cross (X) the incorrect ones.

1. A bud grows into a fruit.

2. Most fruits have seeds in them.

3. Roots make food for the plant.

4. Branches fix the plant in the soil.

5. New plants grow from seeds.

C. Fill in the blanks suitably with the given words.

strong

ground

beautiful

Trees

Thorns

1. Plants make our surroundings _____.

2. _____ grow tall and strong.

3. Shrubs are small but _____.

4. Creepers grow along the _____.

5. _____ protect the plant from being eaten by animals.

D. Write two examples of:

1. trees

2. shrubs

3. herbs

4. creepers

E. Answer the following in 'Yes' or 'No'.

1. Does the coconut palm grow straight and then spread out? _____
2. Does a climber grow along the ground? _____
3. Do leaves make food for the plant? _____
4. Does a seed need sunlight, air and water to sprout? _____
5. Does a mango have only one seed? _____



BRAINSTORM

Given below are some fruits. Arrange the jumbled letters to name them. Also write whether they have **one** (o) or **many** (m) seeds inside them.



ECAPH

_____ ○



VAGAU

_____ ○



CELEHY

_____ ○



MAJUN

_____ ○

Creative Skills



TELL YOUR TEACHER

Plants are very useful to us. They give us many things. We should take care of them. Look at these pictures carefully. Tell what wrong thing the child is doing in each case.



Activity Time

- Go to a nearby garden.
- Pick some different types of leaves from there.
- Paste these leaves in your scrapbook.
- Find out the names of the plants.
- Write these names below the leaves.

