

Chapter 1

A Green World

We see plants all around us. They are of different shapes and sizes. Some plants are tall and strong. Some are short and others are weak. Plants make our world colourful.



Small Plant

TYPES OF PLANTS

Plants have different types. Let us learn about them.

Trees

Big, tall and strong plants are called **trees**. They can stand straight. The stem of the trees are called **trunks**. Neem, Peepal and Banyan are examples of trees.



Mango



Neem



Coconut

Shrubs

Small and bushy plants are called shrubs. They have hard, thin and woody stems. Shrubs grow close to ground.

Pomegranate, Cotton plant, Mehandi, Rose and Hibiscus are examples of shrubs.



Rose



Cotton

Herbs

Some plants are weak and very small in size. They have green and soft stems. They are called **herbs**. Spinach, Wheat, Tulsi are Sunflower are examples of herbs.



Spinach



Wheat



Sunflower

Climbers

Some plants have very weak stems. They cannot stand straight on their own. They need support to grow straight. Such plants are called **climbers**. Grapevine, Bean, Pea and Money plants are the examples of Climbers.



Money Plant



Bean



Pea

Creepers

Some plants have very weak stems. They cannot stand straight even with support. These plants grow and spread along the ground. Such plants are called **creepers**. Plants like Pumpkin, Watermelon, Bottle gourd are creepers.



Water-melon plant



Gourd plant

Thorny Plants

Plants which have thorns on them are called **thorny plants**. They grow in desert mostly. Rose, Cactus, Lemon etc. are examples of thorny plants.



Cactus



Rose



Lemon

Leaves of Plants

Most plants have green leaves.

Leaves are of different shapes and sizes.

Some plants have big while others have small leaves.

Leaves prepare food for the plant in the presence of sun light.



Peepal



Rose



Banana

Knowledge Desk

Leaves prepare food for the plants.

How Do Plants Grow?

Most plants bear flowers. They have different colours, Shapes and sizes.



Lotus



Rose



Lily



Sunflower

Most plants bear flowers

Fruits

Some of the flowers grow into fruits. Most fruits have seeds inside them.



Flower



Flower to fruit



Fruits

Seeds are hidden inside a fruit. Most plants grow from seeds. Seeds have different shapes and sizes.



Tomato



Mango



Pea



Papaya

Most fruits have seeds inside them

Seeds are of many kinds. We eat some seeds.



Wheat



Rice



Barley



Corn



Rajmah



Pea



Gram

There are many kinds of seeds

Baby Plants

Every seed has a baby plant. It contains food, stored in it, which helps the baby plant to grow. When the seed gets air, water and sunlight the baby comes out.



A seed grows into a new plant

Knowledge Desk

Banana has no seed at all. Cauliflowers are not really flowers.

A Glance on Terms

- Trees** : Big, tall and strong plants.
Shrubs : Plants smaller than trees.
Herbs : Small and weak plants
Climbers : Small plants that need support to grow or climb.
Creepers : Weak plants that grow along the ground.
Baby Plant : Small plant inside a seed.

Revision Time

- * There are plants are around us. They have different sizes and shapes.
- * Big and tall plants are called trees.
- * Small and bushy plants are called shrubs.
- * Very small and weak plants are called herbs.
- * Plants need support to grow are called climbers.
- * Plants grow along the ground are called creepers.
- * Different plants have different kinds of leaves.
- * Air, water and sunlight help the baby plant to come out of the seed.

Skill Test

A. Tick (✓) the correct option:

1. The stem of tree is called _____.
 (a) leaves (b) trunk (c) roots
2. Plants grow and spread along the ground are called _____.
 (a) herbs (b) creepers (c) climbers
3. Leaves are _____ in colour.
 (a) green (b) yellow (c) white

4. Flowers change into _____ .
 (a) leaves (b) fruits (c) seeds
5. Inside the seeds is the _____ .
 (a) fruits (b) baby plant (c) flower

B. Fill in the blanks. Choose the right word from the box:

mango seed tree climber

1. Big and strong plant is called _____ .
2. _____ need support to stand.
3. _____ has only one seed.
4. Flower grow in _____ .

C. Match the following:

Column A

1. Trees
2. A rose plant
3. Shrubs
4. Herbs
5. Climbers

Column B

- (a) can not stand straight
- (b) are big and strong plants
- (c) are weak and small plants
- (d) has thorns
- (e) are smaller than trees

D. Answer these questions:

1. What are herbs?

2. Give two examples of shrubs.

(a) _____ (b) _____

3. What does a plant grow from?

Hot Questions

Rearrange these letters to name the part of a plant.

METS _____ LOWFRE _____ RUITF _____

Creative Corner ●●

A. Unjumble the words to form the correct word to get the name of the plant.

1. M N E E _____
2. R S O E _____
3. B N A N A A _____
4. S I T L U _____

B. Name the four trees hidden in the box given below. Look for these and write down in the blanks.

1. N__ _ M
2. P__ _ P__ _
3. M__ _ G__ _
4. B__ NY__ _

L	A	Z	C	B
D	M	A	P	A
N	A	N	E	N
E	N	A	E	Y
E	G	N	P	A
M	O	A	A	N
E	L	K	L	F

- C** Visit a garden and write the names of plants that you find there.
- D.** Collect leaves of different shapes and sizes. Do not pluck them from plants. Pick only the fallen ones. Then paste them on a sheet of paper. You can create interesting designs from them.