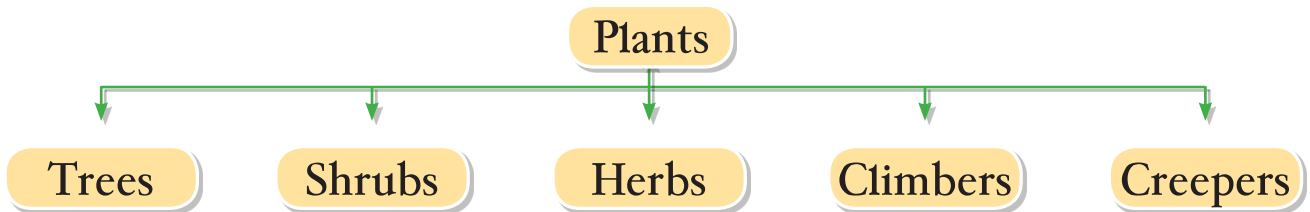


Plants are living things. We see different types of plants around us. They are of different sizes, shapes and colours. Some plants grow on land and some grow in water.



DIFFERENT TYPES OF PLANTS



Trees

Very big, tall and strong plants are called **Trees**. They have a strong, thick and woody stem called the **Trunk**. They have many branches that bear leaves, flowers and fruits.

Trees live for many years.



Banyan tree



Neem tree



Mango tree



Pine tree

Shrubs

A shrub is smaller than a tree. It has a thin and hard stem. Hibiscus, rose and cotton plants are shrubs. Most shrubs live only for a few years.



Hibiscus



Rose plant



Cotton plant

Herbs

Herbs are very small and weak plants. They have soft, thin and green stems. Tulsi, mint, coriander and spinach are herbs. Most herbs live only for a few months.



Tulsi



Mint



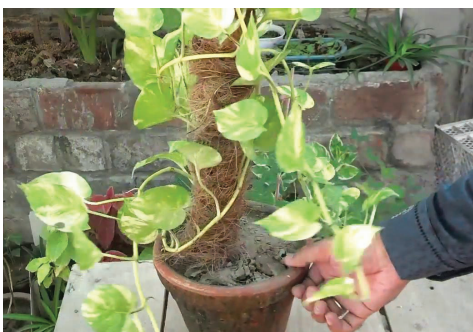
Coriander



Spinach

Climbers

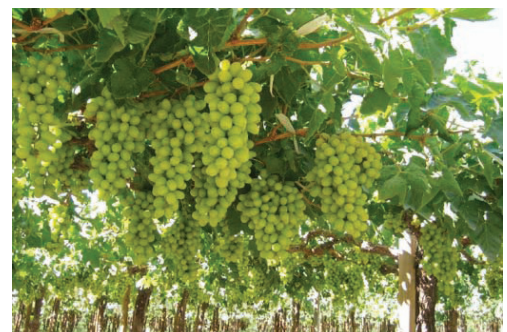
Climbers have long, thin and weak stems. They cannot stand straight. They need the support of other plants, sticks or a wall to grow straight. Money plant, pea plant and grapevine are climbers.



Money plant



Pea plant



Grapevine

Creepers

Some plants with weak stems grow along the ground. They are called **Creepers**. They usually bear big fruits. Cucumber, watermelon and pumpkin are some examples of creepers.



Cucumber



Watermelon



Pumpkin

PARTS OF A PLANT

The parts of a plant are seed, root, stem, leaf, flower and fruit.

FLOWER

Flower is the colourful part of a plant. It produces fruits or seeds.

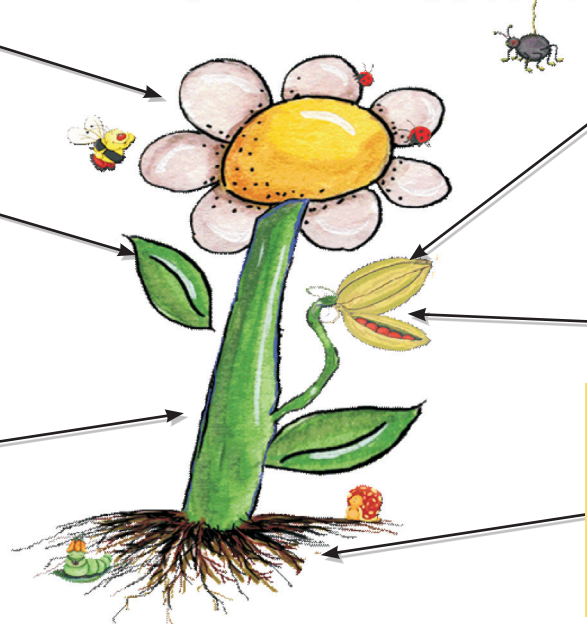
LEAVE

Leaves are food factories. Leaves have little openings that let air and water come and go. Leaves get energy from sunlight and use it to turn the air and water into food.

STEM

Stem supports the plant and carries water, nutrients and plant chemicals up and down to all parts of the plant.

Parts of a Plant



FRUIT

Fruit is the fleshy part of a plant. It grows from flowers and has seeds inside it.

SEED

Seed is that part of a plant from which a new plant can grow.

ROOT

Roots give support to a plant. They collect water and minerals from the ground and then send them to the rest of the plant. Roots grow under the ground.

AQUATIC PLANTS

The plants that grow in water are called **Aquatic Plants**. They have thin stems and broad leaves. These leaves help them to float on the water. Lotus, hydrilla, water hyacinth, etc, are aquatic plants,



Lotus



Hydrilla



Water hyacinth

Test your Self

- Make a list of all the plants you can find in your backyard.

PLANTS MAKE THEIR OWN FOOD

Green plants make their own food with the help of sunlight, air and water. The stem carries this food from the leaves to all other parts of the plant. Food which is not used by the plant is stored in roots, stems, leaves, fruits, flowers and seeds.



Know the Keywords :

Trees	:	Tall and big plants.
Trunk	:	The hard and thick stem of a tree.
Shrubs	:	Small plants with many stems growing near the ground.
Herbs	:	Small plants with soft stems.
Climbers	:	Plants that need support to grow up.
Creepers	:	Plants that grow along the ground.

Point to Remember

- Plants are of different shapes and sizes.
- Trees are big plants with strong, thick and woody main stem, called trunk.
- Shrubs have thin and hard stems.
- Herbs are very small plants with thin and soft stems.
- Climbers and creepers have long, thin and weak stems.

- Plants make their own food in their green leaves with the help of sunlight, air and water.

EXERCISE TIME

A. Multiple choice questions (MCQs).

Tick (✓) the correct option :

- Tall and strong plants are called _____.
a. Shrubs b. Trees c. Herbs
- _____ live only for a few months.
a. Herbs b. Climbers c. Creepers
- _____ is the fleshy part of a plant.
a. Root b. Stem c. Fruit
- _____ make food for the plants.
a. Flowers b. Roots c. Leaves

B. Fill in the blanks :

- A _____ has a trunk. (tree/herb)
- _____ have weak stems. (shrubs/creepers)
- _____ grow along the ground. (creepers/climbers)
- _____ grow under the ground. (stems/roots)

C. Answer the following questions :

- What are trees?

- Differentiate between climbers and creepers.

- How do roots help a plant?

- What are aquatic plants? Name any two.

5. How do green plants make their food?

Activity Time



- Draw an aquatic plant in the space given below :



Creative Work

- Let's learn to use waste :

Visit a park close to your house. Collect all the fallen leaves and flowers of different types. Press them in the folds of old books or newspapers. After a few days the leaves and flowers become dry. Now, take some drawing sheets and tie them together. Ask your teacher to help you in tying the sheets. Make a pretty cover for your album by pasting the dried leaves and flowers.

