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LESSON
PART 1 

UNIT



PLANTS' ZONE

LESSON - 5 WORLD OF PLANTS

BEFORE WE PROCEED:

- ◆ Where do we find plants ?
- ◆ Are all plants of same type?
- ◆ How are plants different ?

SAY ALOUD

- ◆ straight
- ◆ support
- ◆ woody
- ◆ seasonal
- ◆ ground
- ◆ height



LET US FIND OUT MORE ABOUT PLANTS AROUND US

Plants are living things. They grow, breathe, die and even feel. All plants are not alike. They differ in size, shape, growth, etc.

TYPES OF PLANTS

TALL AND BIG PLANTS - TREES

Plants which are big, tall and strong are called trees. Trees stand straight. They do not need any support. Their hard, woody stem is called trunk. The Banyan, Mango, Coconut, Neem, etc are trees.



▲ BANYAN TREE



▲ NEEM TREE



▲ MANGO TREE



▲ COCONUT TREE

SMALL PLANTS - SHRUBS

Small plants are called shrubs. Shrubs are bushy plants.

They grow to a height of 3 to 4 feet.

Most shrubs live for many years. The Rose, Cotton, Jasmine and Shoe Flower plants are shrubs.

▼ ROSE PLANT



▲ COTTON PLANT



▲ JASMINE PLANT



▼ SHOE FLOWER PLANT

DO YOU KNOW ?

The fruit of Amla is a rich source of Vitamin C .

VERY SMALL PLANTS - HERBS

Plants which are very small with soft stem are called herbs. Herbs are seasonal. Most of the vegetables are herbs. The Zinnia, Balsam, Sunflower, Brinjal, Tomato, Carrot, Radish and Grass are herbs.



▲ TOMATO PLANT



▲ BRINJAL PLANT



▲ GRASS

CLIMBERS

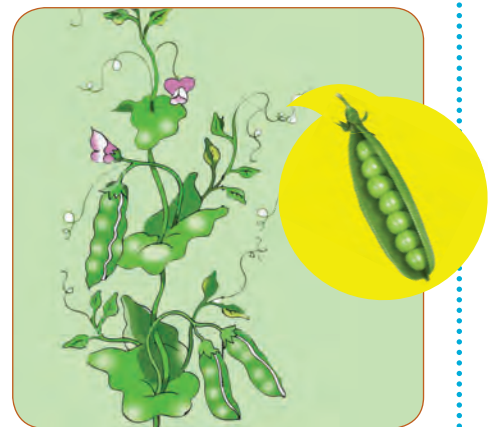
Some plants cannot stand on their own. Plants which climb up taking the support of other plants, sticks or walls are called climbers. Grapevine, Bean, Money Plant, Pea, etc are climbers.



▲ GRAPEVINE



▲ MONEY PLANT



▲ PEA PLANT

CREEPERS

The stems of some plants are very weak. They cannot grow up straight. Plants which grow and spread along the ground are called creepers. Pumpkin, Watermelon, Cucumber etc are creepers.



DO YOU KNOW?

Bonsai is the art of growing trees in miniature.

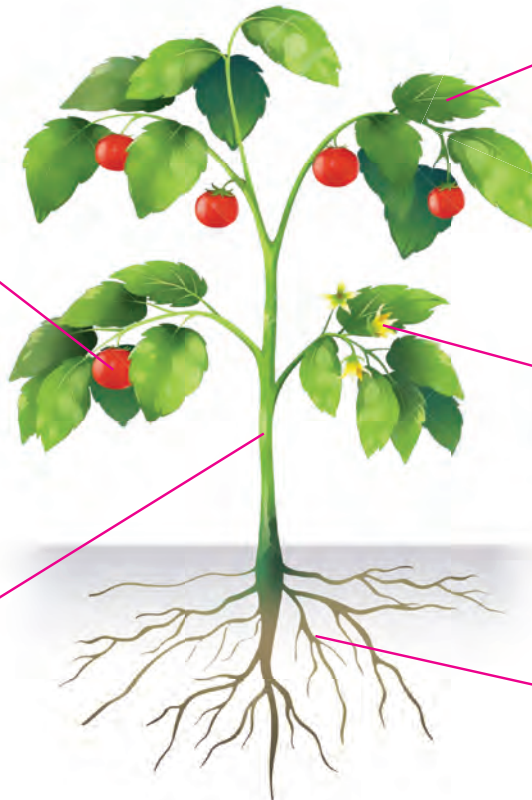
PARTS OF A PLANT

Plants also have different parts, as our body has. They are the roots, stem, flowers, leaves and fruits.

See the picture given below :



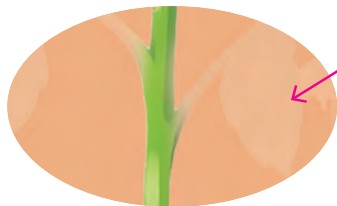
FRUIT



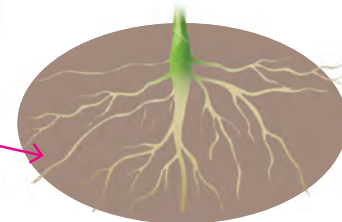
LEAF



FLOWER



STEM



ROOTS

KEY IDEAS

- ◆ Plants are living things.
- ◆ Tall and big plants are called trees.
- ◆ Small and bushy plants are called shrubs.
- ◆ Very small plants are called herbs.
- ◆ Climbers need support to stand erect.
- ◆ Creepers creep along the ground.
- ◆ Plants have different parts -
roots, stem, flowers, leaves and fruits.



LET'S WRITE TOGETHER



A. Answer these questions:

1. What are herbs ?

.....

2. Write the names of any three shrubs.

.....

3. What are creepers ?

.....

4. Name the different parts of a plant.

.....

B. Complete the sentences with the help of words

given :

herb, shrub, trees, support

1. Big and tall plants are called

2. A rose plant is a

3. Climbers need to stand erect.

4. Grass is a



C. Write 'T' for True and 'F' for False:

1. The banyan is a big tree.

2. Tomato plant is a herb.

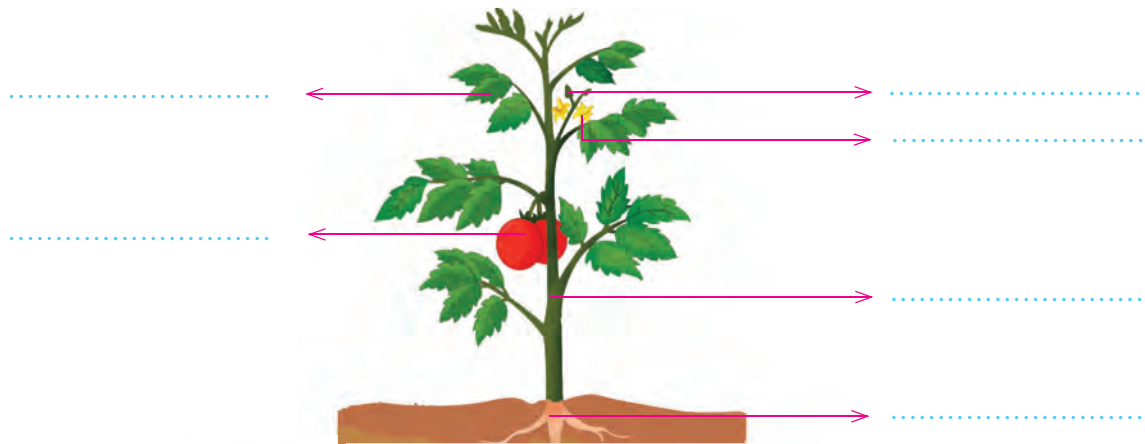
3. Shrubs need no support to stand erect.

4. Money plant is a creeper.



LET US DO

Look at the picture and label the parts of a plant :



1. Plant a sapling (baby plant) in a pot at home or in your garden. Observe it growing. Water it daily.
2. Collect leaves of four different plants and draw their shapes in your book/fair copy and also colour them.

GLOSSARY

- ★ **Plant** : a living thing standing at a place that belongs to vegetable family
- ★ **Stem** : the main part of a plant above the earth
- ★ **Trunk** : the thick main stem of a tree
- ★ **Herbs** : plants with soft stem
- ★ **Shrubs** : bushy plants
- ★ **Creepers** : plants that grow along the ground
- ★ **Climbers** : plants that need support to grow

