



**CLASS -III**

**SUBJECT :SCIENCE**

**Parts of a Plant**





## PARTS OF A PLANT

Saath

### The Stem

The stem grows above the ground. The main function of the stem is to hold the plant upright and support its branches.

Look at Figure 6.5. The stems of the neem and coconut trees are hard, strong and woody. They keep the trees upright. Such a stem is called a trunk. The stem of the money plant is soft, green and weak. It needs support to stay upright. The stem also carries water to the leaves. The water taken in by the roots travels through the stem to the leaves. Similarly, the stem carries the food made by the leaves to different parts of the plant. In plants like the sugarcane, extra food is stored in the stem. In plants like the potato and the ginger, the stem grows underground and stores extra food. That is why we eat the stem of sugarcane, potato and ginger.

### The Leaf

The most important part of the shoot is the leaf. Most living plants have green leaves. The flat and broad part of a leaf is called the leaf blade or lamina. In the middle of the leaf is the main

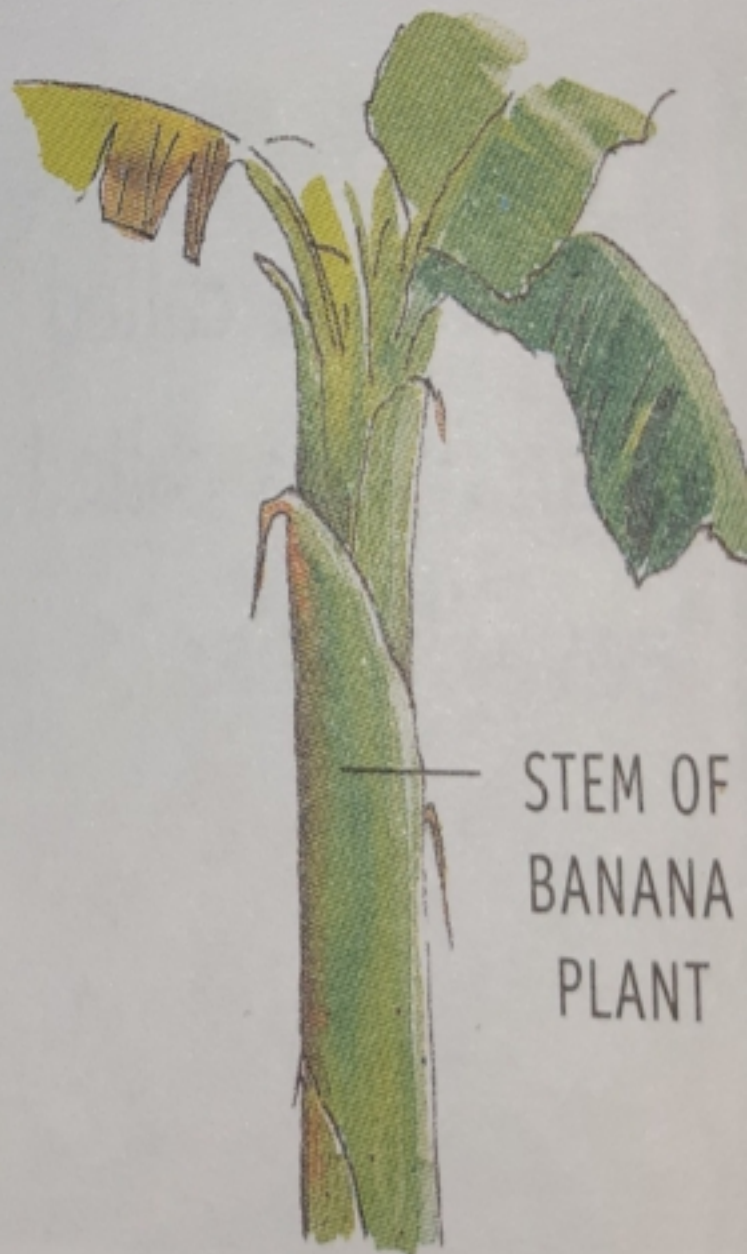






TRUNK OF  
NEEM TREE

A Word to Know  
**FUNCTION:**  
here, work



STEM OF  
BANANA  
PLANT

6.5 Stems hold the plant upright.





vein. A number of side veins branch out from the main vein. The veins carry water to the leaf.

Why is the leaf an important part of the plant? A plant, like all other living things, needs food to grow and live. A green leaf makes food for the plant with the help of air, water and sunlight. This process is called photosynthesis. This is why a leaf is called the Kitchen ~~of~~ or the food factory of a plant. In some plants, such as cabbage, spinach and lettuce, the leaves store food. That is why we eat the leaves of such plants.

Leaves help a plant to

- prepare its own food.
- breathe, and
- give out extra water.







Saar

Date

The Flower.

The flower is the most beautiful part of a plant. See the flowers in figure 6.9. Remember their names and try to look for them in the garden.

Do you know that most flowers grow into fruits? That is why a farmer feels happy when he sees flowers on his mango trees. He knows that these flowers will turn into fruits. In figure 6.10 you can see how a flower grows into a fruit.

Fruits and Seeds.

Fruits have seeds inside them. Some fruits have one seed. Some have a few seeds while others have many. A mango has one seed. Where an orange has a few seeds. A papaya has many seeds.





Most plants grow from seeds.  
Most new plants grow from seeds. Seeds are usually protected inside the fruit. Do you know what is protected inside the seed?

There is a baby plant and its food inside the seed of the mother plant. When the seeds get enough air, water and warmth, the baby plants starts growing. It grows till it is a fully grown plant. Banana seeds do not grow into new plants.

