

Plants

Unit 3



Learning Objectives

After learning this lesson, students will be able to

- ❖ list out the parts of leaf and their functions
- ❖ explain the process of photosynthesis
- ❖ describe the role of plants as a primary producer
- ❖ know about green and non green plants
- ❖ describe the features of flower
- ❖ list out the exotic plants and their role
- ❖ identify the edible part of different plants



Introduction

All living things eat food. Food helps them grow and perform daily activities. We have seen animals eating their food. But, have you ever wondered how plants get their food? Plants produce their own food with the help of chlorophyll, a pigment present in leaves. Humans and animals depend on plants for their food either directly or indirectly. Let us learn more about plants in this lesson.

I. Parts of a Leaf

Leaves are of different shapes and sizes and have different parts. However, there are some basic parts that are common in most of the leaves.

Blade : The broad flat part of the leaf (Lamina).

Apex : The tip of the leaf.

Midrib : The midrib runs along the centre of the leaf.

Veins : Veins are branch out from the midrib. They are the framework of hollow tubes that carry water and minerals.

Petiole : This part joins the leaf to the main stem.

