

WELCOME TO THE ONLINE CLASS

SESSION NO.: 1

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 7

**CHAPTER NAME: PLANTS- LIVING AND
SURVIVING**

**SUB TOPIC: INTRODUCTION, TERRESTRIAL
PLANTS IN HILLY AND PLAIN AREAS**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **classify plants according to their habitats.**
- **analyse how plants are adapted to their environment.**

PLANTS GROW ALMOST EVERYWHERE



MOUNTAINS AND HILLS



OCEAN BEDS



DESERT



PLAINS



RIVER VALLEYS

DIFFERENT SIZE AND SHAPES OF LEAVES



PINE



SHEESHAM



PEEPAL



RUBBER



SUGARCANE

PLANTS DIFFER DEPENDING ON THEIR SURROUNDINGS WHERE THEY GROW

TERRESTRIAL PLANTS:

- The word 'terrestrial' means living on land.
- Most plants grows on land are known as 'terrestrial' plants.



TREES IN HILLY AREAS

- In hilly areas, where it is generally cold, trees are tall and straight.
- These trees have needle-like leaves.
- Instead of flowers these plants bear cones.
- Ex: The pine, fir and cedar (deodar) are some such trees.
- Some trees like spruce trees are found in very cold places.



Pine tree



Cedar tree



**SPRUCE
TREE**



CONES

TREES IN THE PLAINS

- In the plains, trees have lots of branches.
- These trees can bear the heat, but shed their leaves during winter.
- Mango, sheesham, peepal, banyan and sal are some such trees.



MANGO TREE



PEEPAL TREE



SAL TREE



SHEESHAM



BANYAN TREE

HOW TREES IN HILLY AREAS AND PLAINS ARE DIFFERENT IN FEATURES



What are **TERRESTRIAL** Plants?



Goyal Brothers Prakashan

SUMMARY

- **Plants can be different depending on the surroundings where they grow.**
- **Plants which grows on the land are known as terrestrial plants.**
- **Plants in hilly areas are very tall and straight . Ex: Pine, fir and cedar**
- **In the plains, trees have lots of branches. These trees can bear the heat, but shed their leaves during winter.**
- **Plants can grow on mountain slopes, on ocean beds, in deserts and in river valleys.**



**Q1. Plants growing in hilly areas have _____
leaves.**

Ans: needle-like leaves

Q2. Name the tree which have cones instead of flowers.

Ans: Pine tree

**Q3. Most plants grows on land are called
_____ plants.**

Ans: Terrestrial

HOMework

- **Write the difficult words in your notebook.**

LEARNING OUTCOME

The learner will be able to:

- **classify plants according to their habitats.**
- **analyse how plants are adapted to their environment.**

THANKING YOU
ODM EDUCATIONAL GROUP