

# **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**



**RUBBER**



**PEEPAL**



**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**