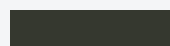


PLANTS

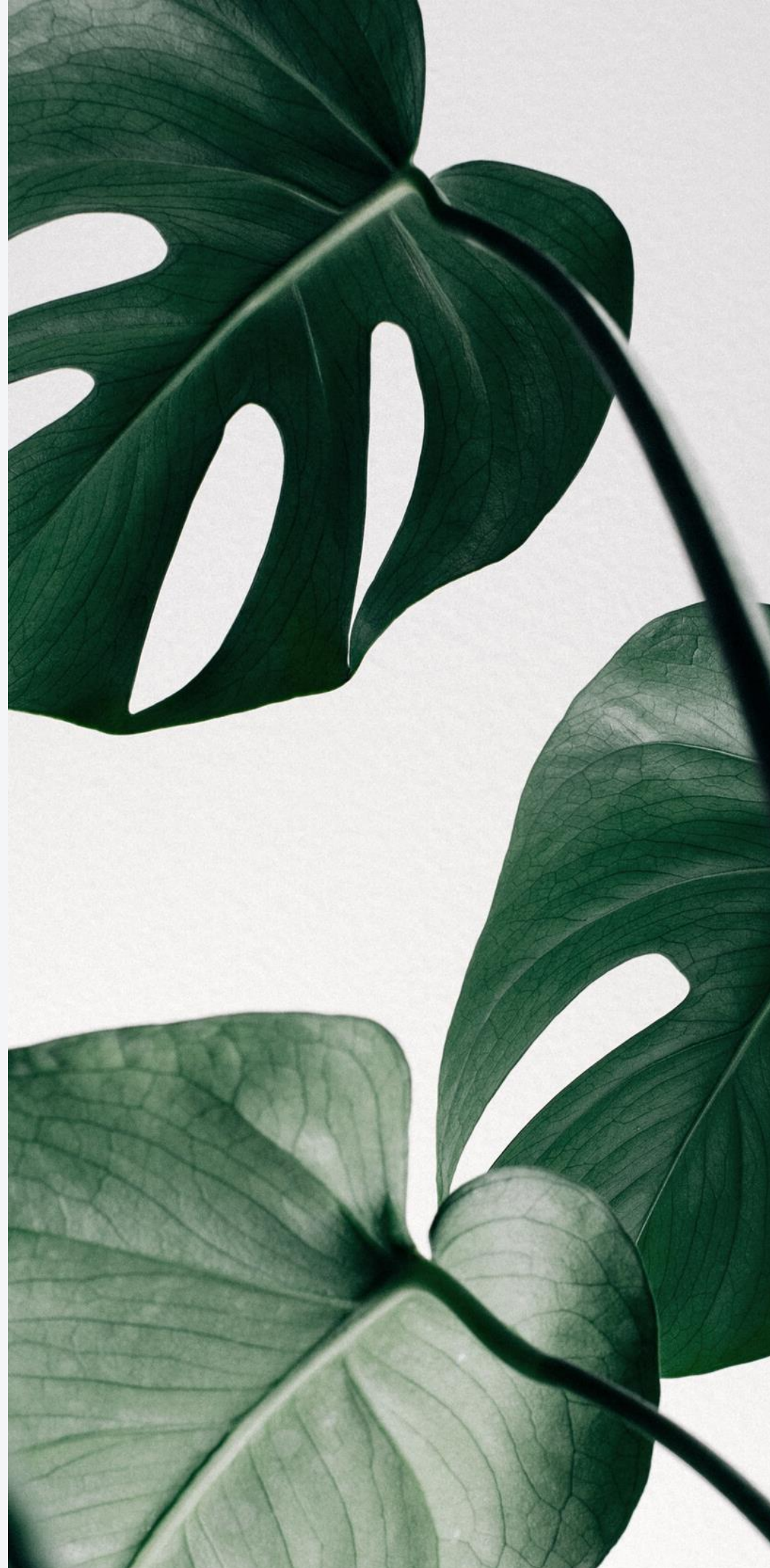


Created by Gargi Verma
Educator at The HDFC School



What to Expect

PRESENTATION
FLOW



Why we need plants ?
Why plants need
leaves and stem ?
Types of plants
If plants disappears ?

What are plants ?

- ❑ Plants are living organisms that cover much of the land of planet Earth.
- ❑ You see them everywhere.. They include grass, trees, flowers, bushes, ferns, mosses, and more. Plants are members of the kingdom plantae.



WHAT THEY DO



Why plants need leaves ?

- ❑ A plant's leaves make up its leaf system.
 - ❑ The main job of a leaf is to make food for a plant.
 - ❑ Leaves do this by using sunlight for energy to take apart water from the ground and carbon dioxide from the air.
 - ❑ This food making is called photosynthesis,
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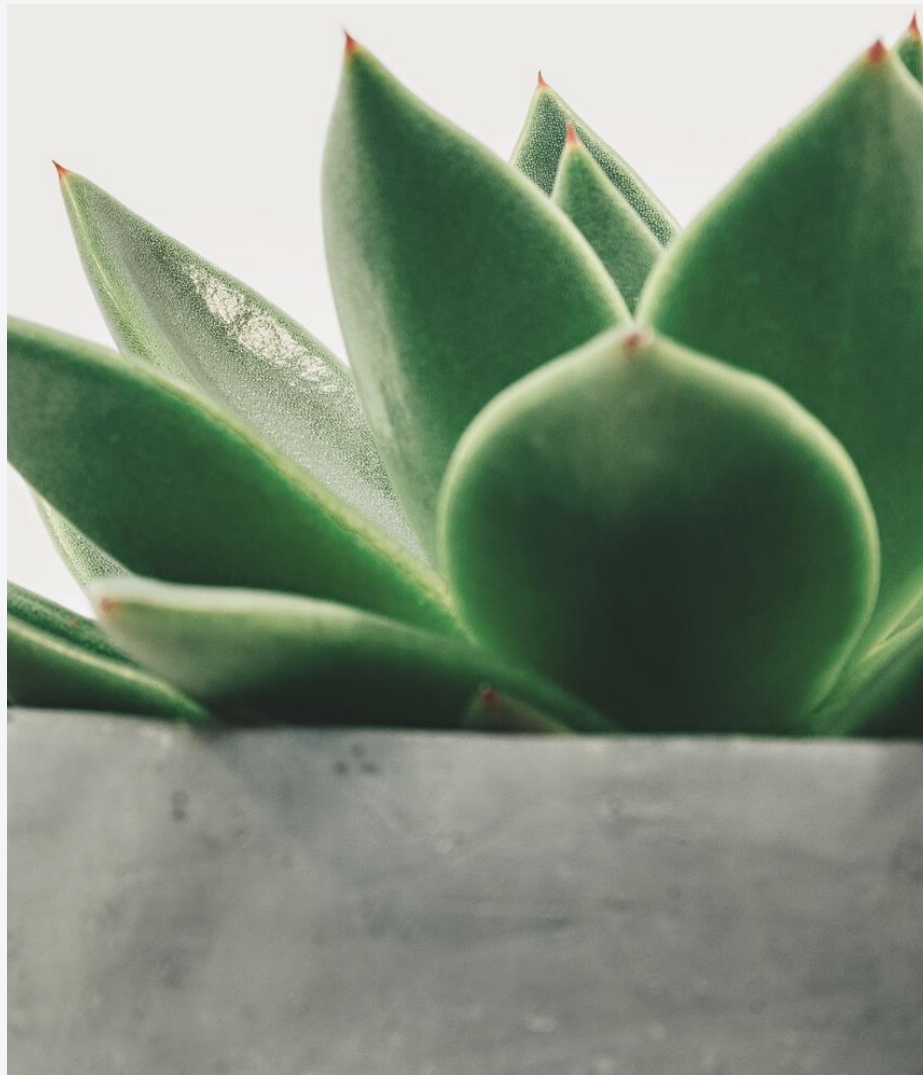
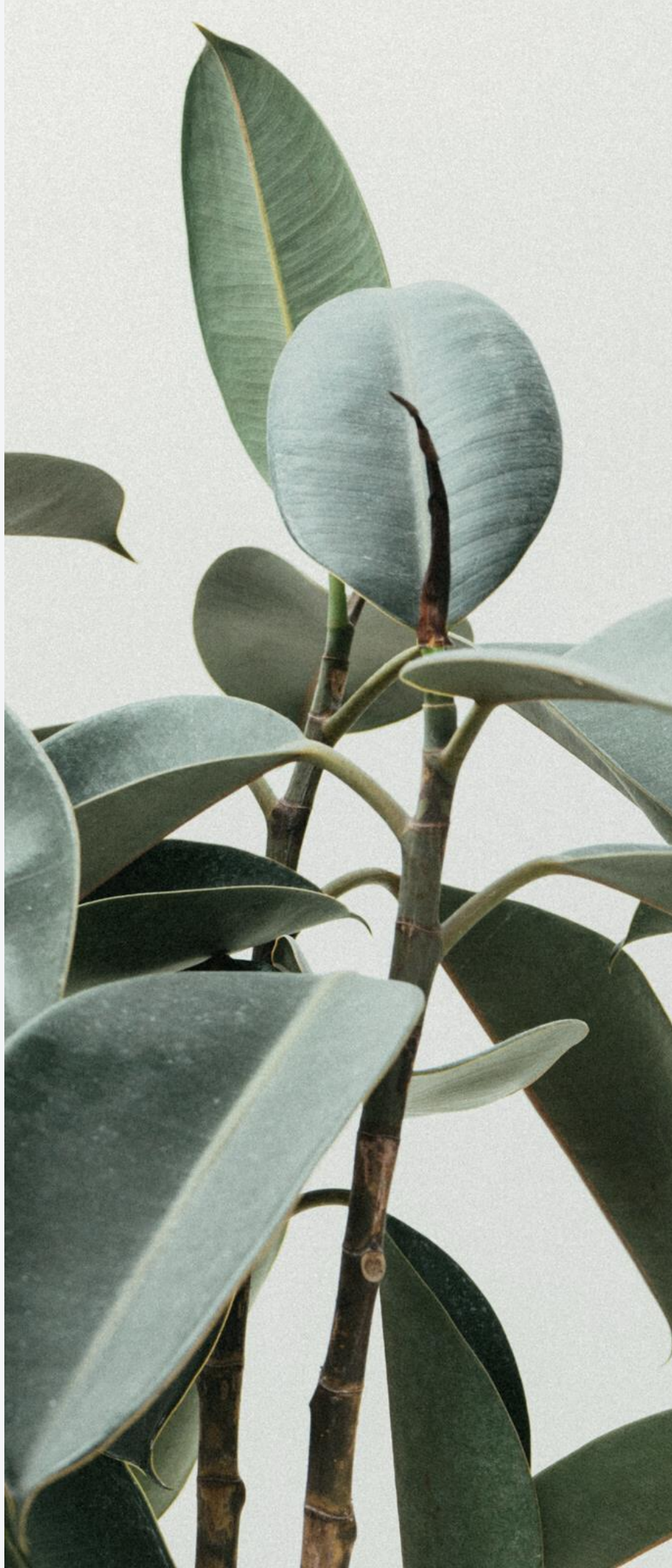
Why plants need stem ?

- Stems -A plant's stems hold up its leaves, flowers, and fruits.
- Most plants have tubes that move water and minerals from the roots of the plants to the stems and roots.

Example:

- ☐ Cactus stems swell up as they store water.
- ☐ The stem shrink as the plant uses water.
- ☐ Cactus stems also have a thick, waxy covering to help keep them from losing water.

TYPES OF PLANTS



Trees
Climbers
Creepers
Shrubs
Herbs
Wild plants
weed
Water plants

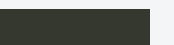


TREES

- A tree is a tall and big plant.
- It has many branches.
- A tree has a strong and hard stem called trunk.
Eg:Mango tree, neem, Jack fruit tree, banyan etc are trees.

CLIMBER PLANTS

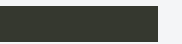
- Climber plants have soft and weak stem.
 - Climbers need support to stand and grow straight.
Example : Money plant, Pea plant, Bean plant



Creeper plants



- Creeper plants have a soft green stem.
- Creepers grow along the ground.
- Example : Pumpkin Watermelon, Muskmelon





HERBS

- Herb plants are very small plants with green color soft stem.
- Herbs leaves, flowers, seeds are used for flavoring, food, cooking, medicines or perfumes.
Eg: Coriander Spinach Mint

Shrubs



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- Shrubs have many branches and they grow near to the ground.
 - Their stem is thin and woody and doesn't have main trunk.
 - Shrubs are smaller than a tree.
 - Example : Cotton plant, Rose plant,

Weeds

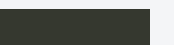
- Weeds are undesired plants and can grow anywhere.
- They can be found in gardens , pots or farms.
- They grow very fast and takes the place of other plants.
- Example :Dandelion Poison Ivy Milk Thistle





Water Plants

- Water plants grow in water and most of their stem stays underwater.
- Few water plants have big floating leaves.
- Some Plants like Hydrilla grow completely underwater.
- Eg: Lotus Duckweed Hydrilla



As food : Potato, Radish, Apple, Sugarcane, Onion, Rice, Spinach
Tea plant Leaves Roots Stem Fruits & Seeds Food .We eat different parts of plants.

As utensils and furniture : Spoons, Chopsticks, Wooden Pencils, Wooden Bed, Wooden Door. Wood Plants give us paper and wood.

As Medicines: Amla, Turmeric, Aloe Vera etc.Turmeric is used in cooking and also as anti inflammatory Juice of Aloe vera plant is good for skin.

As fibres: Clothes are made from cotton fiber and linen fiber .
Coconut and jute fibers are used to make ropes, mats etc.

As Clean Air : Plants make the air clean and fresh. They give shadows stay away from sun heat. Plants also help to make the soil more nutrient.

Uses of Plants



Activity: Things we get from plants

Students will be asked to collect/draw things that we get from plants.





THANK YOU

