



Master Lesson Plan

For

Plant Fairy

Board	Standard	Subject	Chapter	Language	Reference Link	Creatio
CBSE	STD III	EVS	Plant Fairy	English	Plant Fairy	2020-10

COPYRIGHT NOTICE

- Strictly not for Commercial use.
- Provided on 'as is' basis with no warranties of any kind.
- Content that falls in Public Domain or common Knowledge facts can be used freely.
- Some of the contents are owned by the Third parties and are used in compliance with their licensing conditions. Anyone infringing the Copyright of such Third parties will be doing so at their own risks and costs.
- Content can be downloaded and used for Personal, educational and informational purposes only. Any attempt to remove, alter, circumvent or distort the data that is accessed is Illegal and strictly prohibited.

Plant Fairy

1. MS_Objectives_Plant Fairy

Notes to the teacher: This asset lays down the proposed plan for transacting the chapter “Plant Fairy”

It states the asset objectives of the MLP.

This asset is for teacher's reference and need not be taught to the students.

Students will be able to:

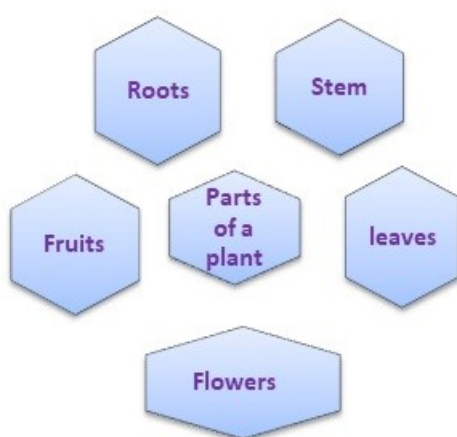
- apply their previous knowledge about plants and answer
- recognise different types of plants
- correlate the shapes and margins to leaves
- practice composting
- follow and practice ways of taking care of plants
- appreciate the importance of plants and trees
- recall facts about plants

Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Plants	Classification of Plants, Clas Plants

2. IQ_Parts of a plant

Notes to teachers: The teacher may enable the students to think and come out with as many answers as possible before giving out the right answer/answers.

Q.1) What are the main parts of a plant?



Ans. The main parts of a plant are root, stem, leaves, flowers, and fruits.

Q.2) Are all the plants around us of the same kind?

Ans. No. Some plants are small or big and some are tall or short.

Q.3) What are the plants growing near your house?

Ans. Rose, jasmine, marigold, peepal tree, mango tree.

Q.4) Name a plant you have seen with a thick trunk?

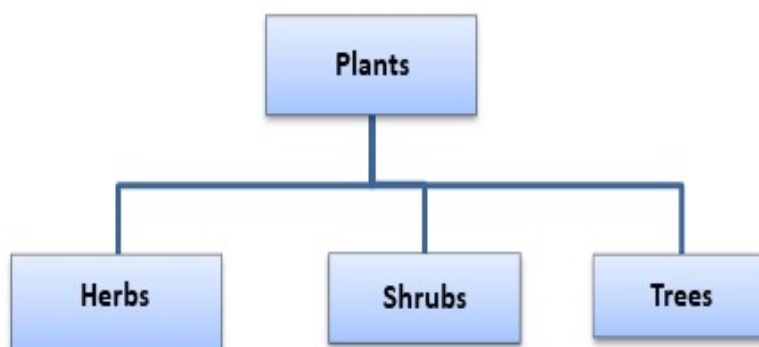
Ans. Banyan tree

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Inquisitive Questions	Plants	Classification of Plants, Clas Plants

3. MS_Types of Plants

CLASSIFICATION OF PLANTS:

Plants are different from each other. Plants are divided into:



Herbs



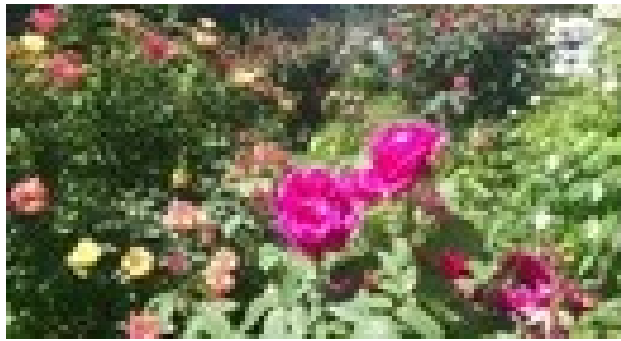
Herbs are plants with soft and thin green stem.

Some are less than 3 meters in height. Stems are not woody and brown.

They live for a few months.

Examples: Mint, Coriander

Shrubs



Shrubs are small bushy plants.

They live for a few years.

Examples: Rose, Tulsi

Trees



Trees are big and tall plants having brown woody stems.

They live for many years.

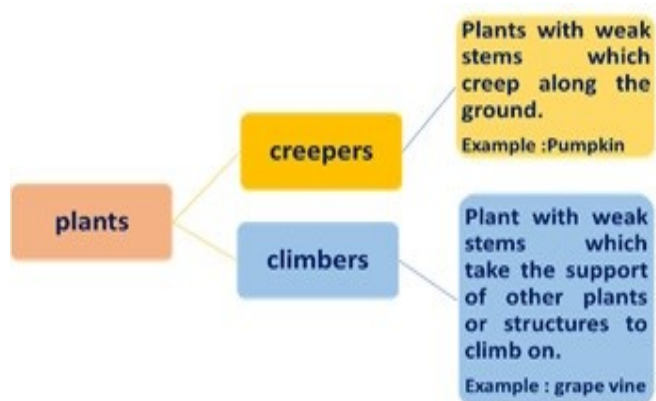
Examples: Banyan tree, Coconut tree

Some are less than 3 meters in height.

Stems are not woody and brown.

Example: Banana Tree

Weak stemmed Plants



Notes to teacher: The teacher should first revise the main parts of the plant i.e. root, stem, leaf, flower and fruits.

Image Source:

<https://www.needpix.com/photo/download/930172/herbs-herbal-growing-green-plants-culinary-herb-wall-natural-medicine> SSSVV Gallery
<https://pixabay.com/photos/single-tree-on-the-zicksee-3655934/>
<https://pixabay.com/en/pumpkin-patch-pumpkin-patch-sky-987025/>
<https://pixabay.com/en/watermelon-hybrid-watermelon-seed-551235/>
[https://pixabay.com/en/grapes-wine-vine-winegrowing-plant-1074528 :](https://pixabay.com/en/grapes-wine-vine-winegrowing-plant-1074528/)
<https://pixabay.com/en/pothos-ornamental-taro-houseplant-1404628>
<https://www.pikist.com/free-photo-vafgn>
<https://pixabay.com/photos/climbers-vines-plant-trellis-50996/>

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Main Script	Plants	Classification of Plants, Clas Plants

4. MS_Leaves



- ❖ Leaves are of different shapes and sizes.
- ❖ They have different kinds of margins and patterns.
- ❖ Leaves are of different types: round, triangular or long.
- ❖ Leaves are also of different colours like light green, dark green, green with white patches, yellow and red



- ❖ Leaves have smooth, uneven, or rough margins.



- ❖ Some leaves can be identified by their smell like tulsi, lemon, neem, and coriander.
- ❖ Some leaves can be eaten raw. For example: Betel Leaves, lettuce, Mint Leaves, coriander leaves and Curry Leaves
- ❖ Some leaves like spinach, mint, coriander, and curry leaves are used in cooking.
- ❖ Tulsi, eucalyptus, mint, Oregano Leaves (Vamu) and neem are leaves with medicinal properties.
- ❖ Mehendi leaves are used as colour for decorating the hands.
- ❖ Banana tree, coconut and mango leaves are used for decoration during functions and festivals.

Notes to teachers:

The teachers can begin the class by showing the students three or four types of leaves like mango, peepal, tulsi and neem asking them a few questions as listed below:

1. Do all the leaves have the same shape?
2. Are all the leaves of the same size?
3. What about their margin?
4. Are all the leaves green?

Image source::

<https://www.publicdomainpictures.net/pictures/340000/velka/croton-plant-leaves-159049224>

<https://pixabay.com/photos/bodhi-leaves-dewdrop-on-leaves-dew-1885455>

<https://pixabay.com/photos/croton-red-plant-exotic-tropical-5248900>

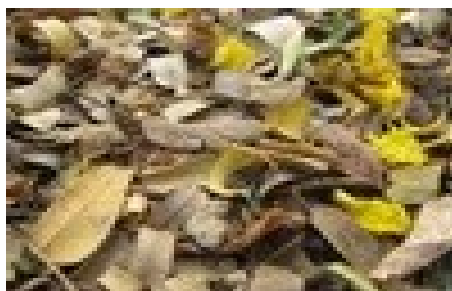
<https://pixabay.com/illustrations/leaves-tropical-palms-plant-green-2305515>

<https://pixabay.com/photos/separating-autumn-leaves-white-3005062/>

<https://pixabay.com/photos/leaf-green-new-growth-growing-17657>

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Main Script	Plants	Classification of Plants, Clas Plants

5. DD_Composting



- ❖ The leaves that fall from trees are collected and put in a pit which is dug.
- ❖ This compost pit is sprinkled with water and covered with mud.
- ❖ Vegetable wastes and scrapings can also be added to this.
- ❖ After some time, these leaves decompose and turn into manure.
- ❖ So, this way instead of burning the fallen leaves and causing pollution it is recycled to make manure.



Image Source: SSSVV Gallery

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Day-to-day Relevance	Plants	Classification of Plants, Clas Plants

6. IA_Trees

Plants Also Have Feelings -

- ❖ Sir Jagadish Chandra Bose is one of the most prominent Indian scientists who proved by experimentation that both animals and plants share much in common.
- ❖ He demonstrated that plants are also sensitive to heat, cold, light, noise, and various other external stimuli.
- ❖ Bose designed a very sophisticated instrument called the Crescograph, which could record and observe a plant's minute responses to external stimulants.
- ❖ It was capable of magnifying the motion of plant tissues to about 10,000 times their actual size and, in doing so, found many similarities between plants and other living organisms.

Interesting fact

The age of a tree can be calculated by the number of rings found on its trunk. Each ring formed on the trunk denotes one year.



General Sherman, a giant sequoia, is the largest tree (by volume) in the world, standing 275 feet (83.8m) tall with 52,000 cubic feet of wood (1486.6m).



Image source:
<https://pixabay.com/photos/wood-tree-spruce-picea-conifer-3212803/>
<https://pixabay.com/photos/tree-sequoia-wood-bark-huge-tribe-4889/>

Time to teach	Asset Type	Theme	SubTheme
3 Minutes	Interesting Asides	Plants	Classification of Plants, Clas Plants

7.SA_My Plant My Friend

Aim: The students will befriend a plant or tree in the school garden and take care of it.

Resources Required: Notebook and Pencil

Procedure:

Each group is assigned a plant or a tree from the school garden.

The group will go to the plant or tree assigned to them and observe and note down the following about the plant or tree in their notebook.

They can give a name of their choice to the plant or tree.



Is it a tree or plant?

What is its name? - Example - Mango Tree or Hibiscus Plant etc.

Does it have flowers or fruits or vegetables?

If so, how many?

What are the uses of the plant or tree?

Precautions: Nil

Troubleshooting: Nil

Note to teachers:

Students may be divided into small groups according to the strength of the class.

Students as a group can make the plant or tree their friend. It could be a sapling also.

They can take care of the plant or tree by ensuring that it is watered and weeded.

They can also talk softly and sweetly to the plants and observe that it grows very well because of their kind and loving words.

This activity could continue throughout the year.

Time limit given is not applicable since it is a continuous activity.

Image Source: SSSVV Gallery

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Suggested Activity	Plants	Classification of Plants, Clas Plants

8.VC_Increase the Green Cover

How beautiful our earth looks when there are a lot of green plants and trees. They help us in many ways by giving clean air, by causing rainfall, by giving us shade in the hot summer months and so on.



By doing a few of the following, you can help in preserving the green cover for our earth.

- ❖ Plant more trees
- ❖ Take care of the plants and trees around you
- ❖ Do not pluck leaves or flowers
- ❖ Use less paper and save trees

Activity:

Ask your teacher if you can celebrate your birthday by planting a small sapling in the school. Each class can have a small patch in the school and use the space for planting saplings. By the time you finish school, you would have contributed in creating a green cover for the school. Encourage your friends also to do so.



Image source: SSSVV Gallery

Time to teach	Value Type	Value Sub Type	Value Attribute
3 Minutes	Love		Group Activities

9.QA_A Recap- Plant Fairy

1. Fill in the blanks:

- Plants which are short and have green and soft stems are called
- Plants like roses are smaller than trees and are known as
- Plants which are very tall with trunks are called trees.
- leaves are used for decorating hands with designs.
- Hibiscus leaf has margin.
- Lotus leaf isin shape.

Answer: a) herbs b) shrubs c) woody d) mehendi e) uneven f) round

2. Give Reasons:

- Plants and trees are grown on both sides of the road.

Answer: Plants absorb carbon dioxide and reduce pollution apart from offering shade and fresh air.

3. Name two of the following:

- Big trees near your house-
- Leaves eaten as vegetables-
- Leaves used as medicine -
- Leaves which have smell -
- Leaves used for decorating the houses -

Ans: a) Any 2 trees (Mango, Neem) b) Coriander leaf, Palak c) Tulsi, Neem leaves

d)Mint, lemon leaf e) Banana leaves, Mango leaves

4. Using the code box decode the following message:

A=0 D=1 E=2 F=3 I=4 L=5 N=6 O=7 P=8 R=9

S=10 T=11 U=12 V=13

Message

10	0	13	2	7	12	9
11	9	2	2	10		

S A V E O U R
T R E E S

ANSWER: **SAVE OUR TREES**

Time to teach	Asset Type	Theme	SubTheme
10 Minutes	Assessments	Plants	Classification of Plants, Clas Plants

10.MS_Summary_Plant Fairy

Students will be able to summarize the topic Plant Fairy In

this lesson Plant Fairy, we discussed:

- ❖ classification of plants
- ❖ types of plants
- ❖ leaves and Types of leaves
- ❖ My Plant My Friend



Time to teach	Asset Type	Theme	SubTheme
2 Minutes	Main Script	Plants	Classification of Plants, Clas Plants