

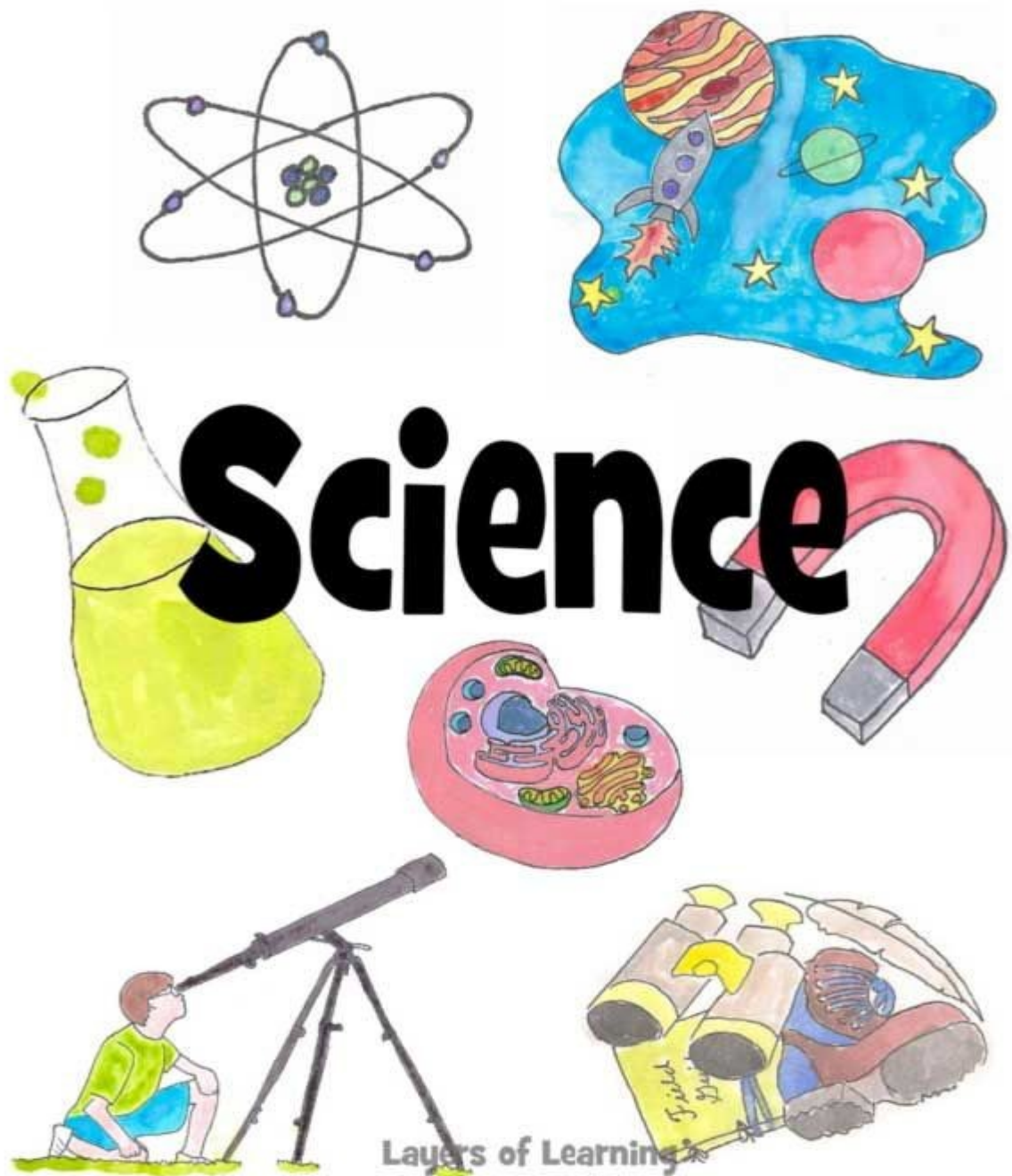
MERUVAMBAYI. M. U. P. SCHOOL

WORKSHEET -1.6

Know The Plant World Closely

16/07/20

V Std



Layers of Learning

In our previous classes we have discussed about,

- Photosynthesis and respiration

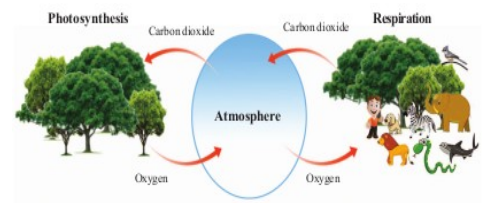
helps to maintain the balance of oxygen and carbon dioxide in the atmosphere.

- During photosynthesis plants receives carbon dioxide and releases oxygen through these stomata.

- Oxygen is taken and carbon dioxide is given out during respiration.

- Through these stomata gaseous exchange takes place.

- During night we will get only carbon dioxide from plants. Sleeping under a tree during night and growing plants in the bed room are not good to health.



Dear children, have a look at here.....

This is the diary note of Safiya who went on a study tour from school:

Today, we went on a study tour from school. The orchidarium attracted me the most. Orchidarium is a

garden where orchid varieties are grown. How beautiful are the orchid flowers! What surprised me was the way These plants are being nurtured. They are grown on hanging wooden planks tied with materials like coconut fibre. Some others grow on branches of trees. They don't require soil to grow....



*What did you understand from the diary note?
Orchids do not require soil to grow.....*

Vanda is a common type of orchid seen in our locality. Observe its thick **roots**. These roots have certain peculiarities. **They can absorb moisture from the atmosphere.** This is why these plants can grow even without soil. They prepare their own food.



The plants depend on other plants only for shelter. Not for food. Such plants are called **epiphytes**.

Example:



Bulbophyllum



Dromoglossum





Activity 1



Which category of plants do orchids belong to?

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Activity 2

You Know epiphytes can grow without soil. Then how do they get water for preparing food?



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Activity 3

Will epiphytes harm the host plants, on which they grow? Explain the reason.

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Assignment

Observe your surroundings, and find out the epiphytes like orchids or vanda, and observe their features of roots and leaf, take a video as explaining them to your friends and send to the group.....

Watch the online class regularly, and note down the important points given there.....

Do all the activities given in the worksheet and send to me.....

The Online class link is given here.

Click here: <https://youtu.be/cln90Y6M18A>

