

# MERUVAMBAYI. M. U. P. SCHOOL

## WORKSHEET- 1.2 BASIC SCIENCE

18/06/20  
VII Std

### Reaping Gold From Soil



*In your previous class you have learnt about the plants formed by sexual reproduction and vegetative propagation.....*



*Now let me tell you a story.....*



*Sonu was playing with his friends in the neighbourhood.  
He saw a guava tree with full of tempting guavas there.  
They plucked some guava fruits....Oh god!! What a taste!!!  
Sweet, fleshy, reddish guavas.....*



*He thought... I too have guavas at my  
home, but not as much taste and colour as  
this.....*

*He started thinking....How can I grow the same type of  
guava as I had in the neighbourhood?*

*Children, can you help Sonu?*

*How can we produce a new plant having all the  
qualities of the parent plant?*

*What will happen if we plant after sprouting roots on  
the branches of this guava plant?*

*This method is called **Layering***

*(Observe the video in the online class)*

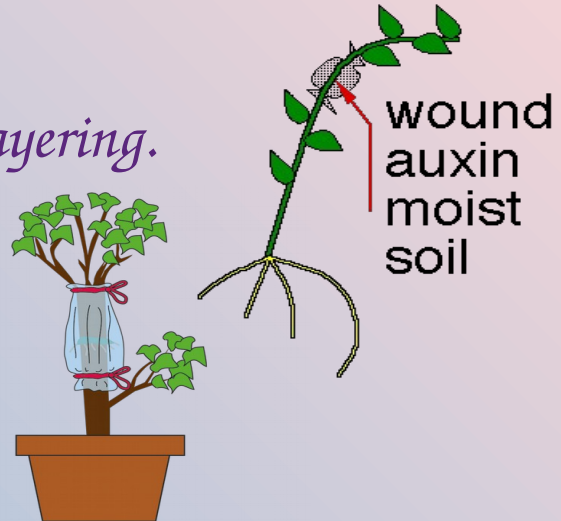
**Layering** is a method of propagating a plant in which a shoot is fastened down to form roots while still attached to the parent plant.

**Activity 1:**

*Do layering at your home using rose or hibiscus plants and observe the changes in it.*

*a. Write down the steps of layering.*

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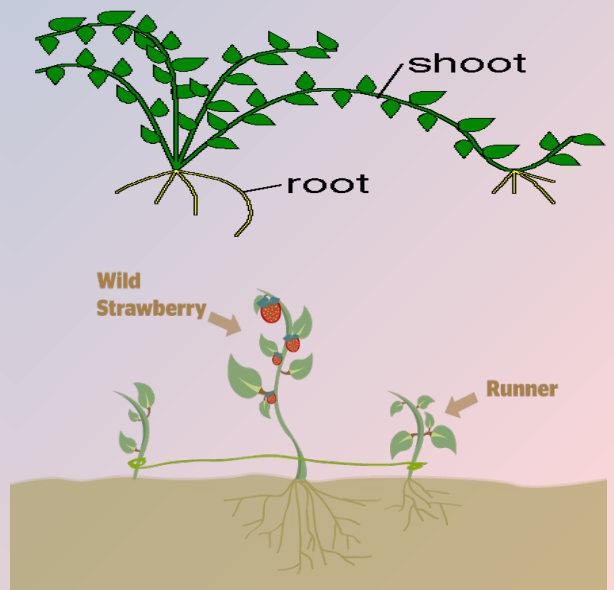
*b. What are the plants in which layering is effective?*

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**Activity 2:**

*The above mentioned layering is called **Air layering**. There are different types of layering. Can you write different types of layering.*

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### Activity 3:

*You have understood the features and information related to layering.....*

*From these features list out the Merits and Demerits of plantlets produced through layering.*



**Merits of Layering**

**Demerits of Layering**



*Observe the Online class regularly and note down the points.*

*Do all the activities in your science note book and send to*

*me.....*

