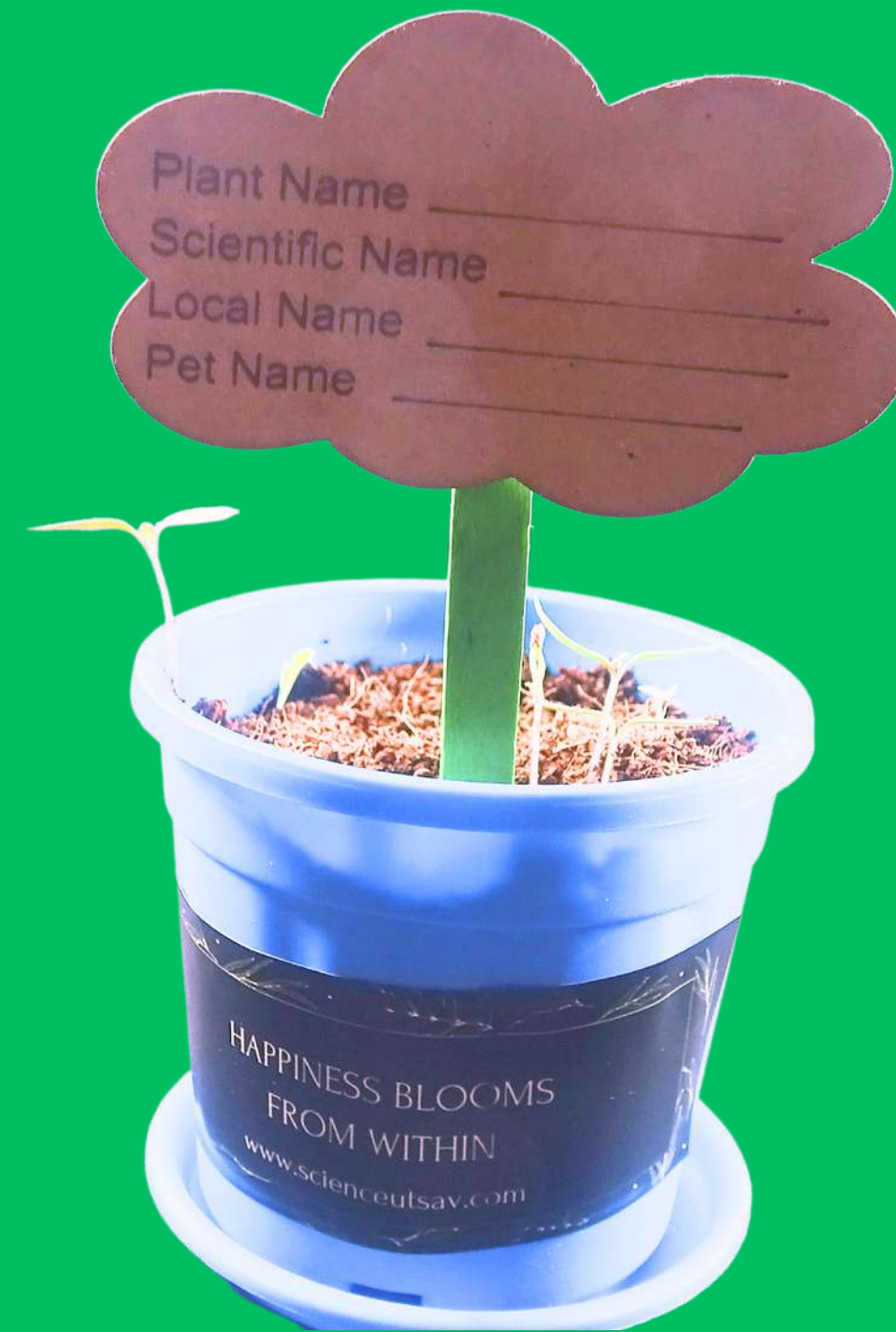




## PET A PLANT



# Overview

The fundamental process by which different species of plant grow from a single seed into a young plant describes the process of seed germination.

the complete process of plant germination need necessary conditions and factors, the factors like availability of oxygen, water absorption, warming, exposure to light etc.



# Engineering challenge

Every day, we have a variety of food served in front of us. These foods give us the nutrients and minerals required for our body.

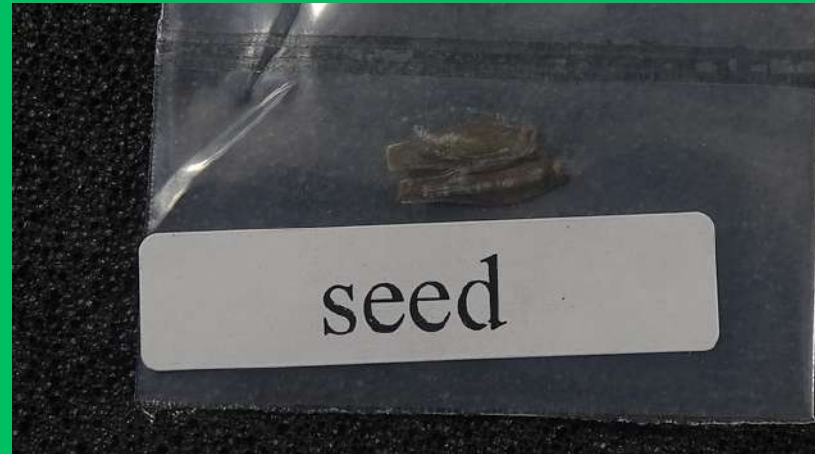
In this project you will going to do a simple seed germination process, to understand above things.



1



2



3



4



5



# Materials Required

Sr.No	Name	Qty
1	Seed 1	1
2	Seed 2	1
3	Cocopeat	1
4	Pot base	1
5	Pot	1

# Materials Required



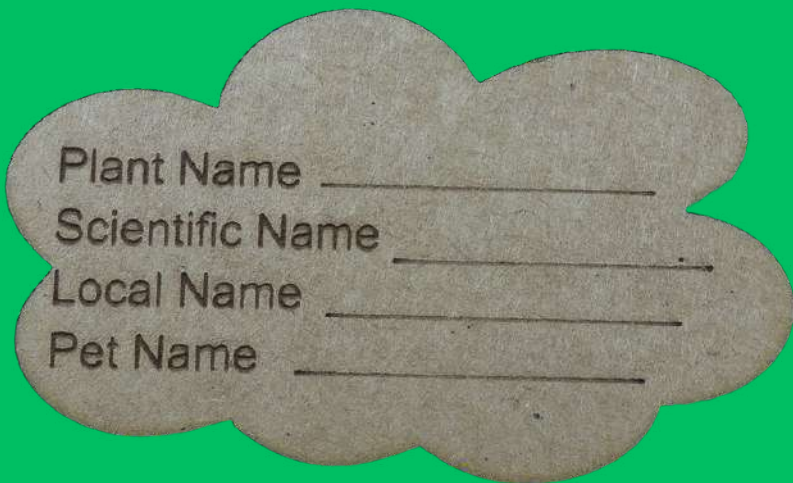
6



7



8



9

Sr.No	Name	Qty
6	Spray bottle	1
7	Nutrients NPK	1
8	Icecream Stick	1
9	Name Board	1

# Procedure

Place the pot on pot base



**Pour cocopeat to pot**



**Pour some nutrients (NPK) to pot**



**N - Nitrogen**

**P-Phosphorus**

**K-Potassium**



# Mix nutrients & cocopeat



# Spray water to nutrients & cocopeat mixture using spray bottle



**Cut the seed pocket using scissor**



**Pour seeds to pot**



**Pour remaining nutrients (NPK)**



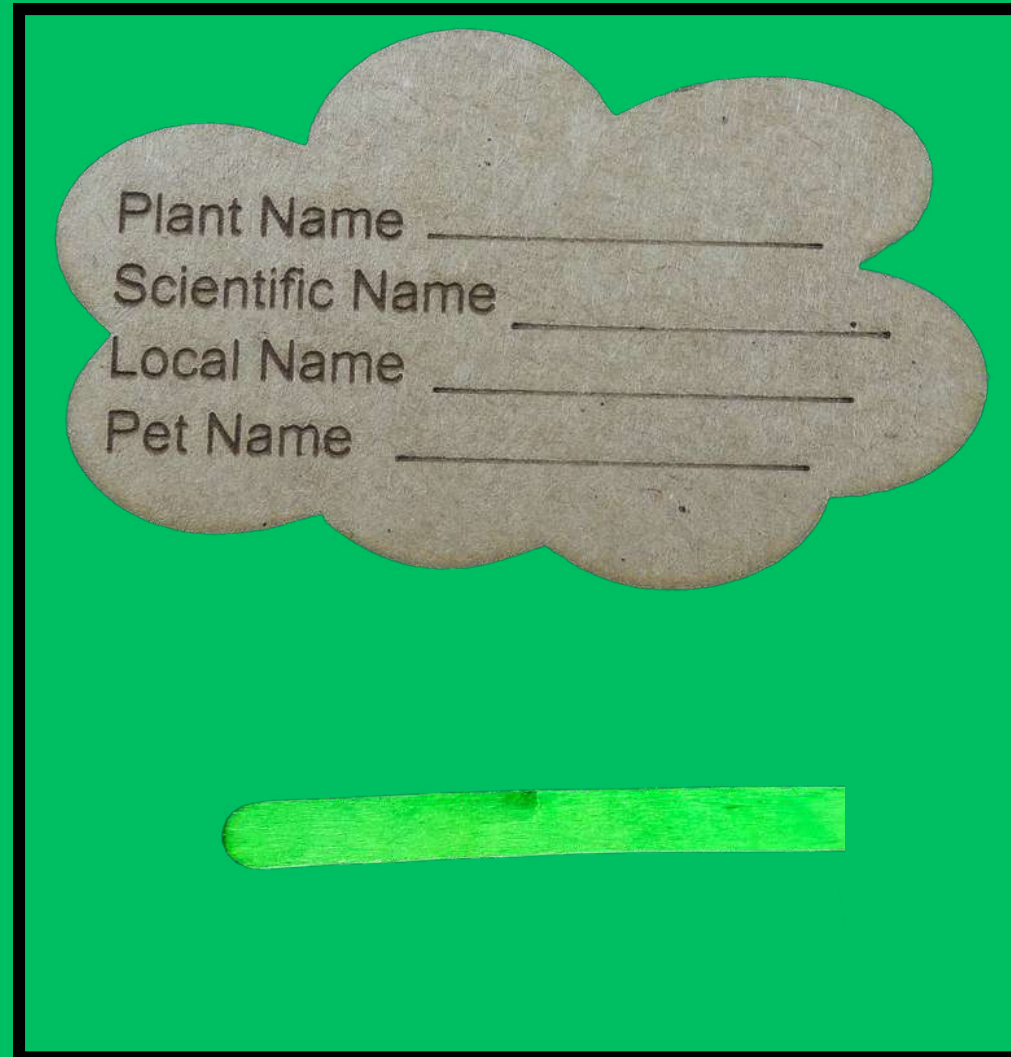
**Mix seeds and nutrients gently**



## After seed germination process



# Stick double sided tape on name board backside

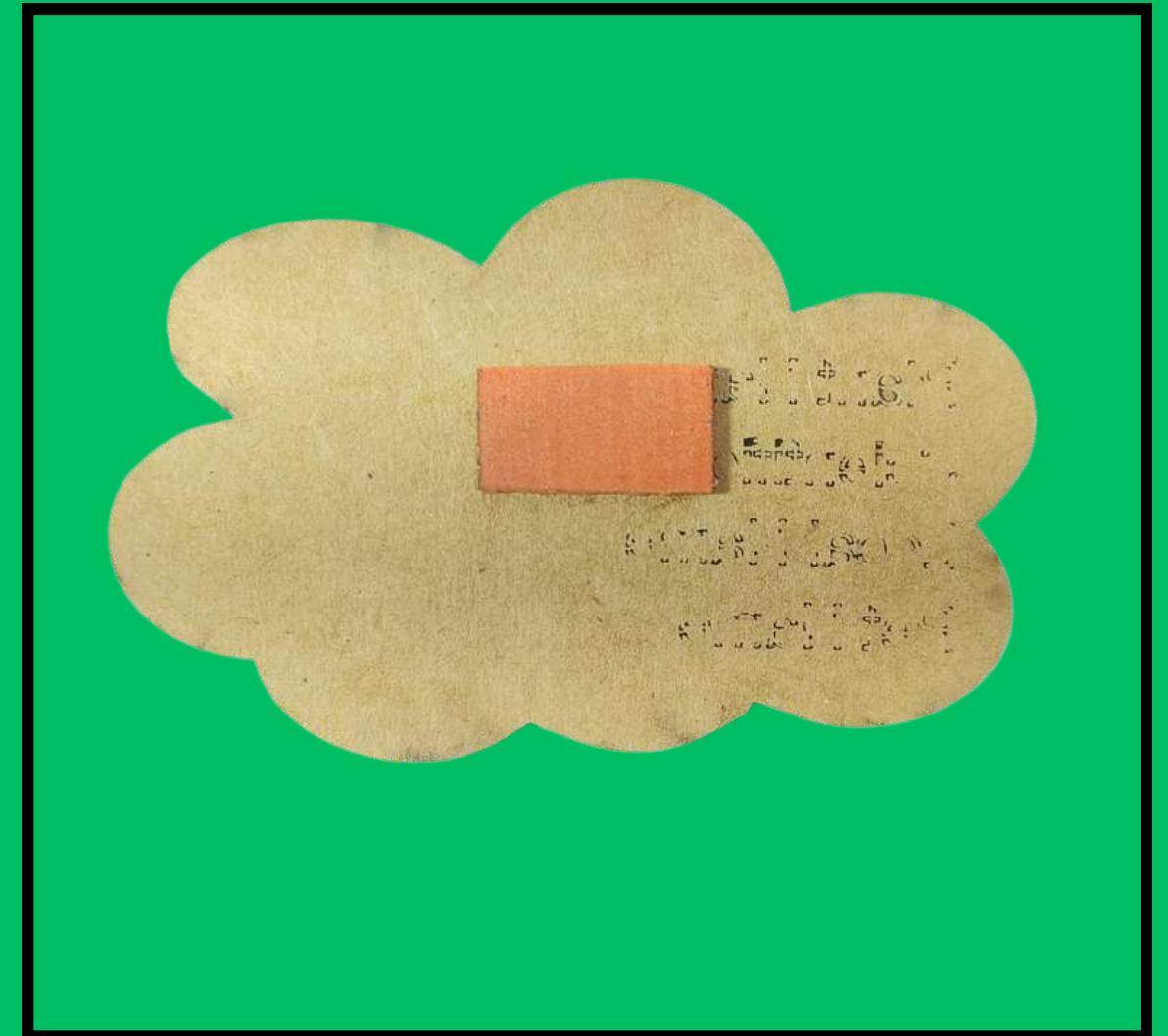


Plant Name \_\_\_\_\_  
Scientific Name \_\_\_\_\_  
Local Name \_\_\_\_\_  
Pet Name \_\_\_\_\_

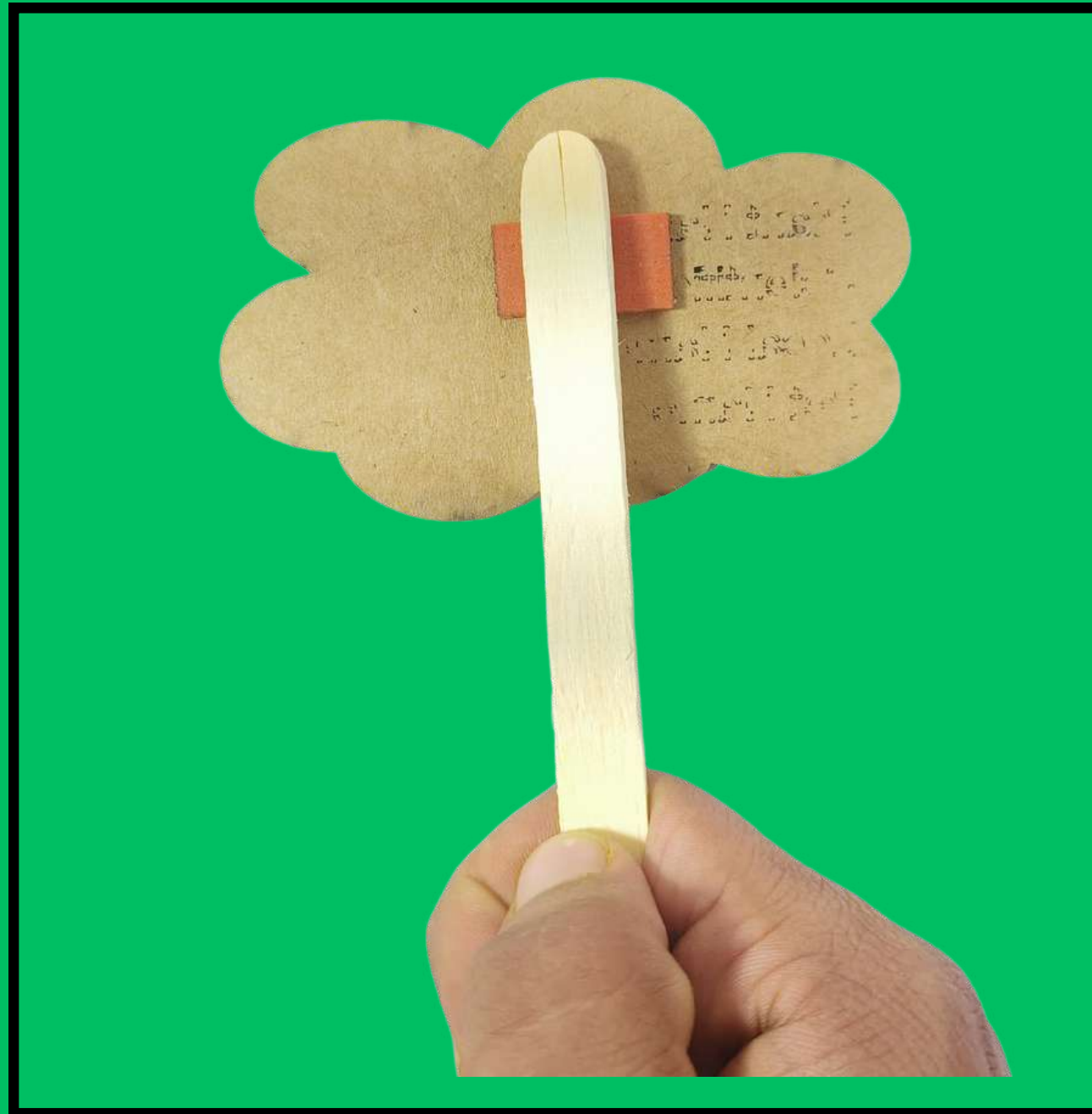
A green brush is shown below the name board template.



**write**  
plant name -  
scientific name -  
local name -  
pet name -  
of your plant  
in the name board before  
you add ice cream stick



**Place ice cream stick on the double sided tape on the name board**





## Insert the name board to pot gently



