



# An A-maize-ing Story

## Activity Sheet for Students

[letsread.asia/AmaizeingStory](https://letsread.asia/AmaizeingStory)



Bongie took good care of her little seed as it sprouted and when it was small. Soon the plant grew big and tall and gave her a gift. Her gift was corn. Have you ever wondered how a big plant grows from a small seed?

Kwāti Puhni is a festival celebrated once a year in Nepal. On this day people eat soup made with nine different kinds of sprouted beans. It is a very healthy food which helps treat cough and the common cold. It is very important to sprout all the beans before making the soup. And if you plant the sprouted beans instead of using them in the soup, you can also grow big plants!



Let us also learn to make a bean sprout and then grow it into a big plant just like Bongie's green top.



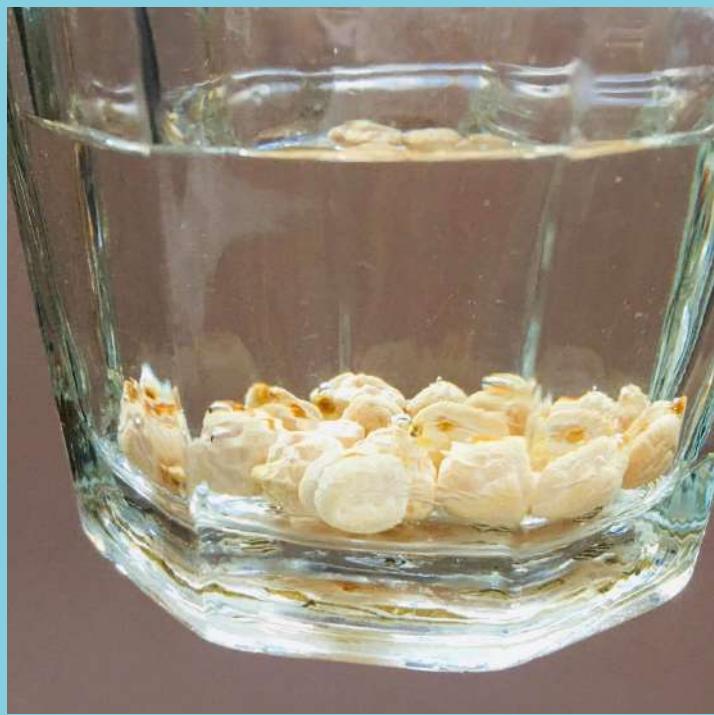
Before we start making,  
Make sure to have these:

1. A few gram beans (or any type of beans)
2. A transparent water glass
3. Tissue paper
4. A medium-sized container
5. Fertile Soil





# Let's germinate our own seeds



## Step 1

Take a few gram beans or any type of beans and soak them overnight in water.



## Step 2

Drain out the water from the beans. Your beans will look puffed and hydrated.



## Step 3

Take a transparent water glass for a better view and place some pieces of tissue paper in it. Wet them slightly by spraying water on them.



## Step 4

Place the soaked beans into the glass with wet tissue paper.



## Step 5

Put a few beans on the side for a better view of germination.



## Step 6

Cover your glass with another moist tissue paper or cloth.



After 2 days, you will see sprouts growing from your seeds. These sprouts will grow into the roots.



After 5 days, your seeds will begin to grow a tiny plant. This will grow into the leaves and the stem.

# Let's grow our seeds



## Step 7

Once your beans have sprouted properly, plant them into a container with fertile soil and spray some water to it.



## Step 8

Water your plant regularly and watch your plant grow bigger and bigger.

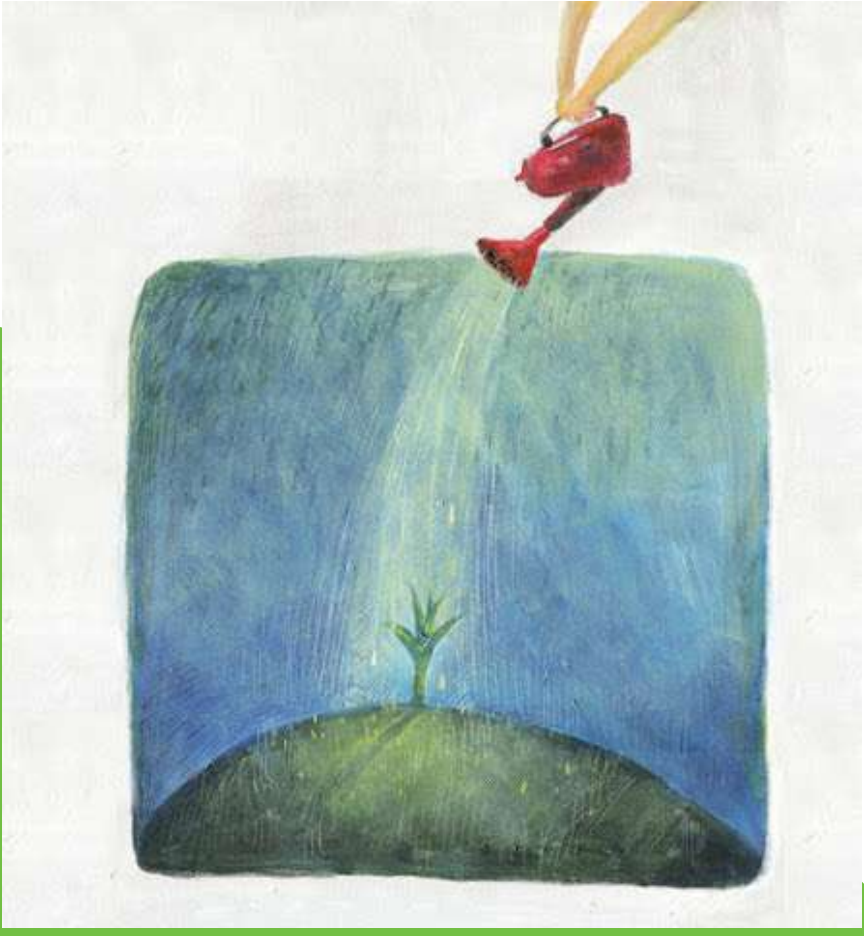
## Challenge Your Skills

1. As your sprout grows, draw how it looks once every three days, and observe what changes you can see.
2. Choose one seed and mark its growth every day on the water glass.

## Challenge Your Mind

1. What are the necessary environmental conditions for a seed to germinate?
2. Rose plants can also be grown without their seeds. How do you think you can grow plants without seeds?





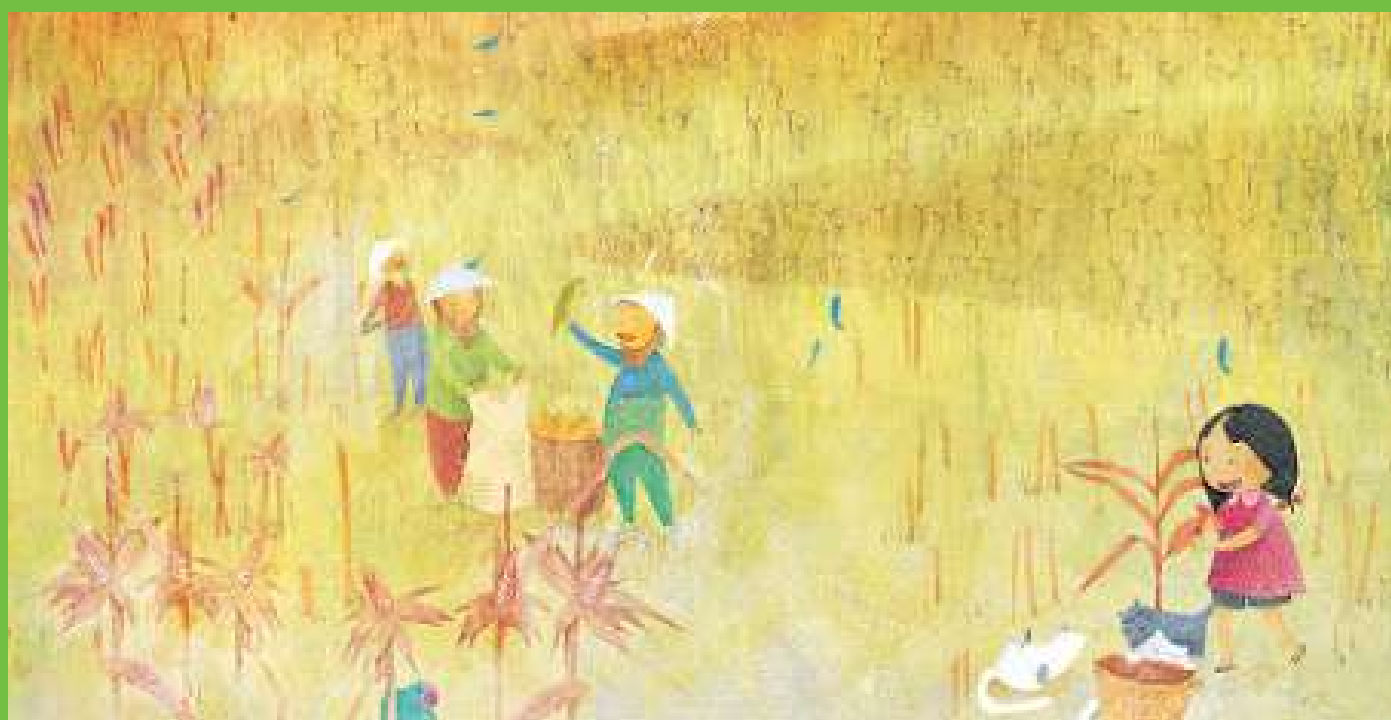
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## WORKSHEET

Once you plant your seed in the soil, now it's time to observe your seed grow into a plant.

Use this sheet to keep a daily record of your plant.

Day	Height in cm	New changes that you observed [write or draw]
Day 1		
Day 2		
Day 3		
Day 4		
Day 5		
Day 6		
Day 7		
Day 8		
Day 9		
Day 10		

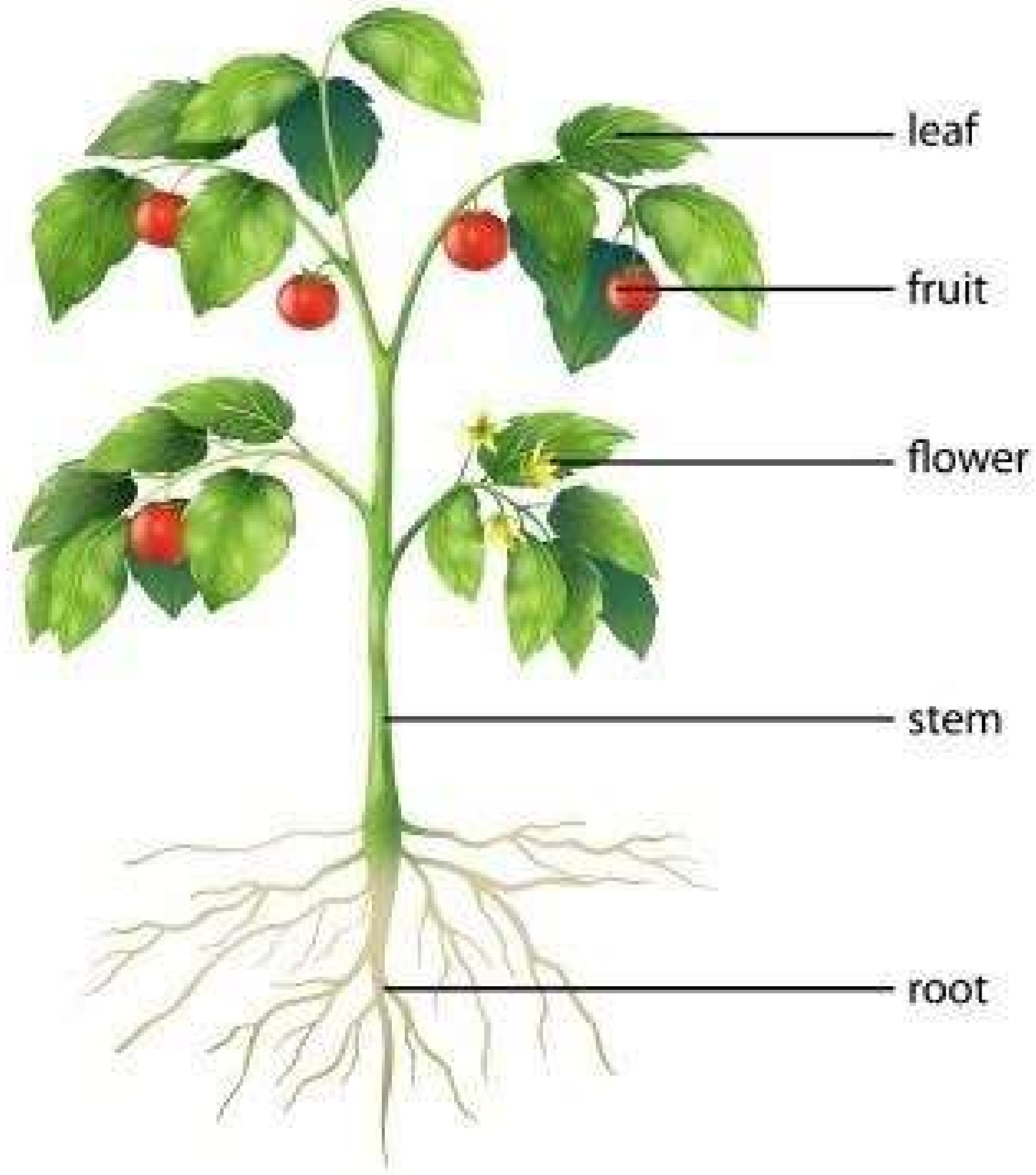


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## HANDOUT

### Parts of Plant

#### Flowering Plant (Angiosperm) Anatomy



Here is the figure illustrating the different parts of a plant. Once the plant is grown enough, compare the plant with this illustration.

