

**UNIT 6:**

**HELPING PLANTS TO GROW WELL**



**LESSON 1: PLANTS**

**LESSON 2: HOW NEW PLANTS ARE FORMED**

**LESSON 3: FOOD FROM PLANTS**

**LESSON 4: GRASSES**

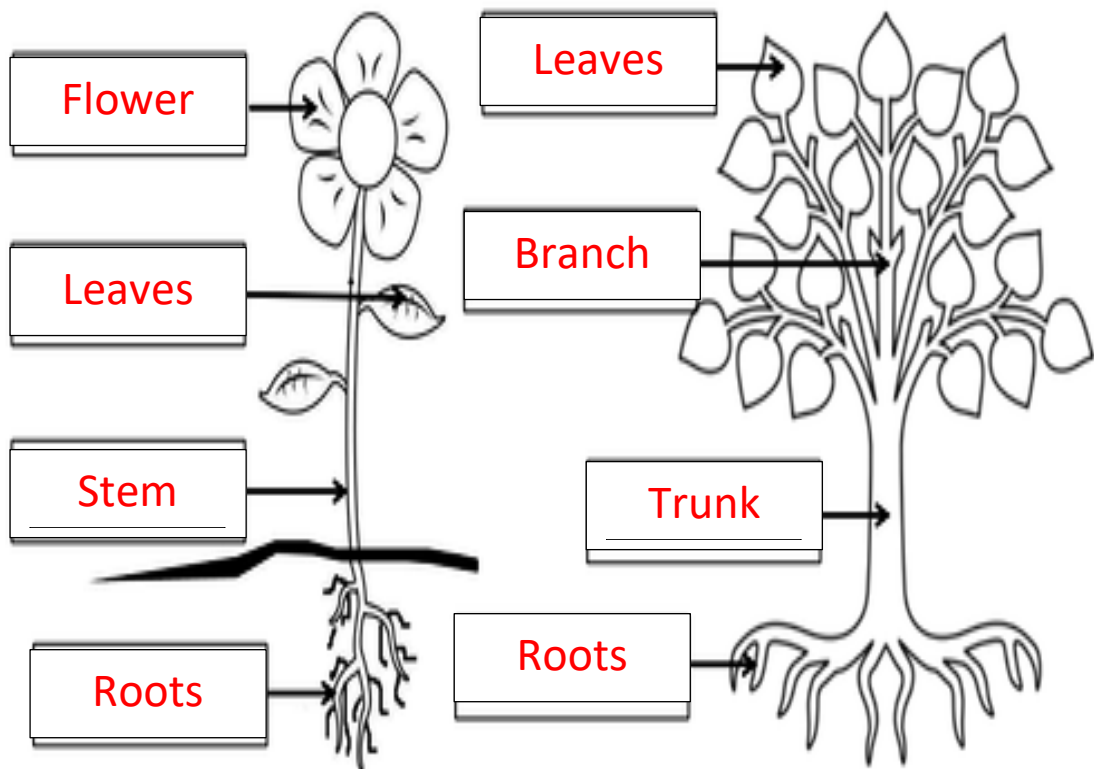
**LESSON 5: PLANTS AND WATER.**

**LESSON 6: HELPING PLANTS TO GROW**

DATE: \_\_\_\_\_



All our food comes either directly or indirectly from plants. Plants can make their own foods. Most plants will grow from seeds. We can provide water, soil and light to the plants to grow them better.



DATE: \_\_\_\_\_

## UNIT6: HELPING PLANTS TO GROW BETTER

### SUBTOPICS:

LESSON 1: PLANTS

LESSON 2: HOW NEW PLANTS ARE FORMED

LESSON 3: FOOD FROM PLANTS

### 1. HARD WORDS:



a) \_\_\_\_\_ **Pores** \_\_\_\_\_

b) \_\_\_\_\_ **Chlorophyll** \_\_\_\_\_

c) \_\_\_\_\_ **Germination** \_\_\_\_\_

d) \_\_\_\_\_ **Tuber** \_\_\_\_\_

e) \_\_\_\_\_ **Bud** \_\_\_\_\_

### 2. MISSING LETTERS :

1. **G**ermination

2. **S**ed

3. **P** o res

4. **M**ineral **s**alts

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### **3. FILL IN THE BLANKS:**

- a) The air the plant needs and waste gases it produces pass through the **pores** of leaves.
- b) **Roots** anchor the plant firmly in the soil..
- c) The stem of tree is called **Trunk**.
- d) The **seed** will grow into new plants.
- e) Many of the vegetables we eat are grown from **plants**.
- f) Thickened part of an underground stem of a plant is called **Tubers**.
- g) Each eye in potato is its **bud**.

### **4. WRITE TRUE OR FALSE:**

- a) Leaves help plant to prepare their food. (**TRUE**)
- b) Flowers produce the fruit and seed. (**TRUE**)
- c) Vegetables are not a part of plant. (**FALSE**)
- d) New strawberry plants grow from the extended stem of the parent plant (**TRUE**)
- e) We can grow new plant from the cutting of another plant. (**TRUE**)

DATE: \_\_\_\_\_

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**5. MATCH THE FOLLOWING:**

1.	The stem	Takes in water from the soil	4
2.	The leaf	Protects the seeds.	5
3.	The flower	Uses sunlight to make the plant's food.	2
4.	The root	Helps to make the fruit.	3
5.	The fruit	Holds the plant up to the light.	1

**6. Write two examples for each according to the part of plant we eat? :**

• **Underground Stem:**

POTATO, ONION

• **Roots:**

CARROT, TURNIP

• **Seeds:**

BEANS, PEAS

DATE: \_\_\_\_\_

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- **Flower buds:**

CAULIFLOWER, BROCCOLI

- **Leaves:**

LETTUCE , SPINACH

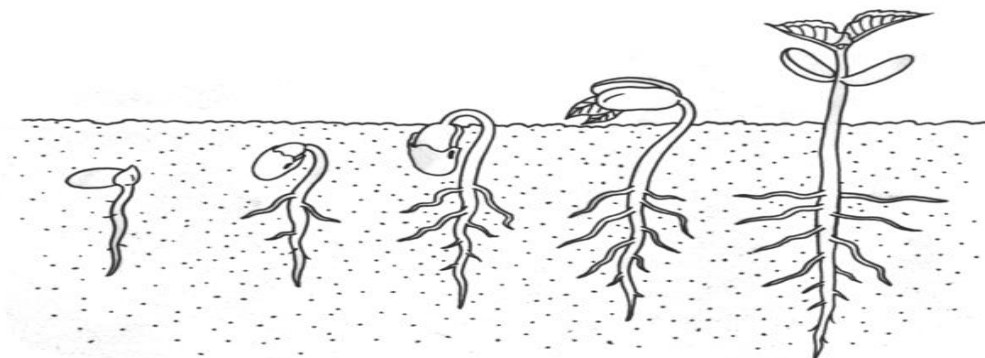
## **7. ANSWER THE QUESTION:**

### **1. Would a seed grow well under a large tree?**

A seed will not grow well under a large tree because the tree will take the mineral salts and water from the soil and it will get only less sunlight.

### **2. What is germination?**

Germination is the process, by which a new plant grows from the seed.



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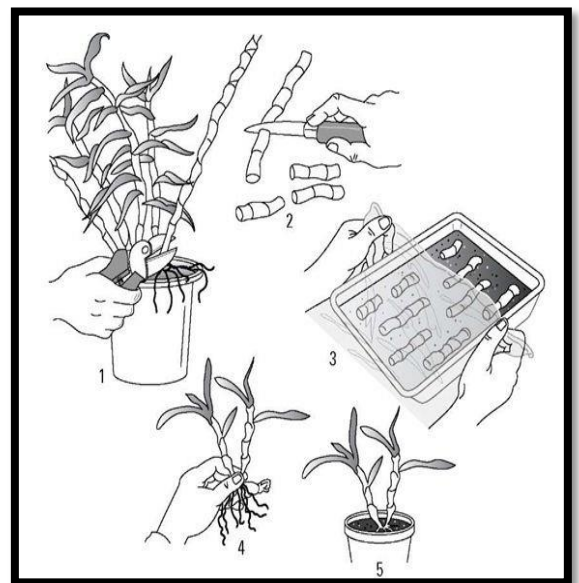
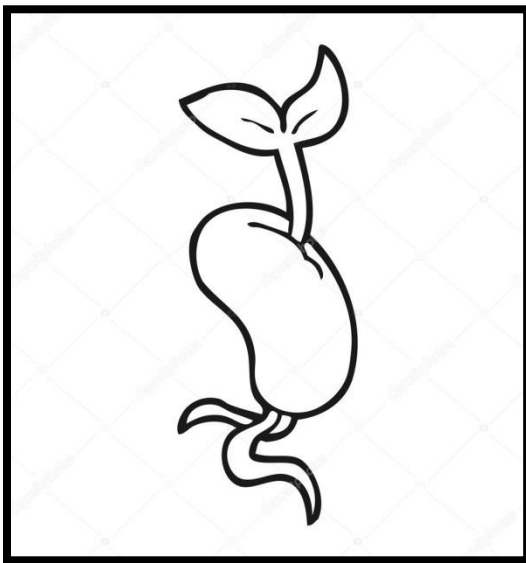
3. Why the leaves are green in colour?

chlorophyll gives green colour to the leaves and helps to absorb the sunlight.

4. List out the ways of producing new plant?

1. Germination

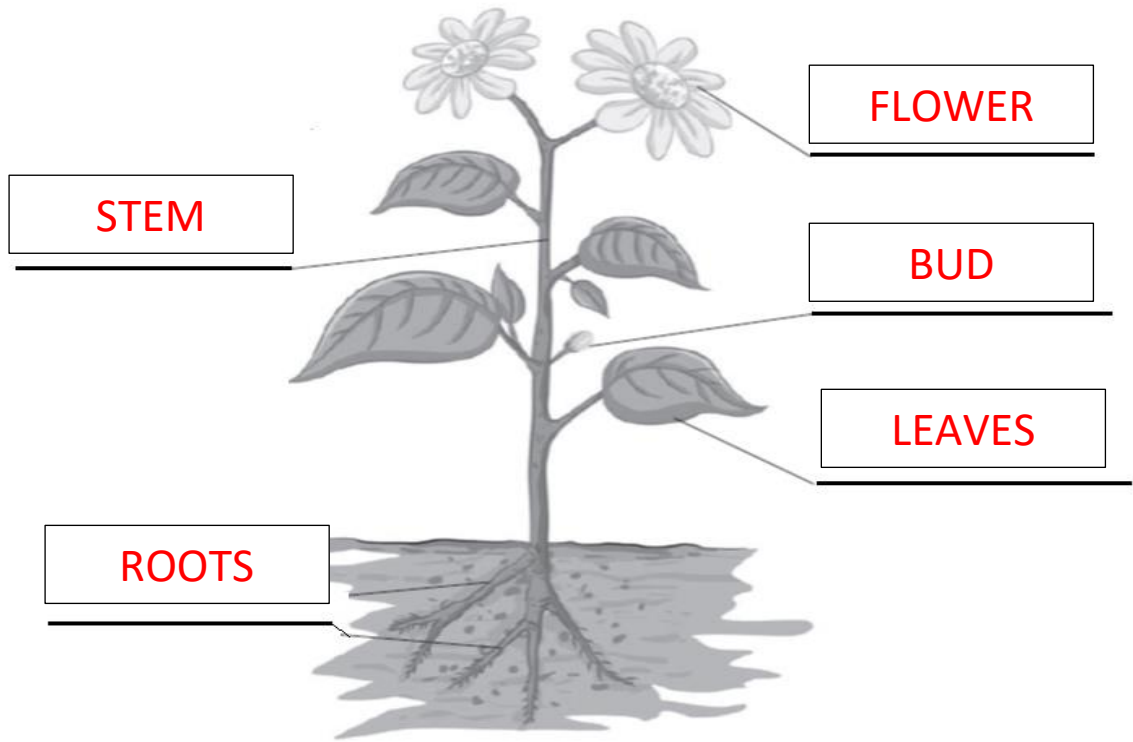
2. From the cutting of plant



DATE: \_\_\_\_\_

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## 8. PARTS OF A PLANT AND ITS FUNCTION



Answer these questions:

a) Which part of the plant takes up water from the soil?

ROOTS

b) Which part makes food for the plant?

LEAVES

c) Which part makes the seeds?

FLOWER

d) Which part holds the plant upright?

STEM

e) Which part will open into a leaf or flower?

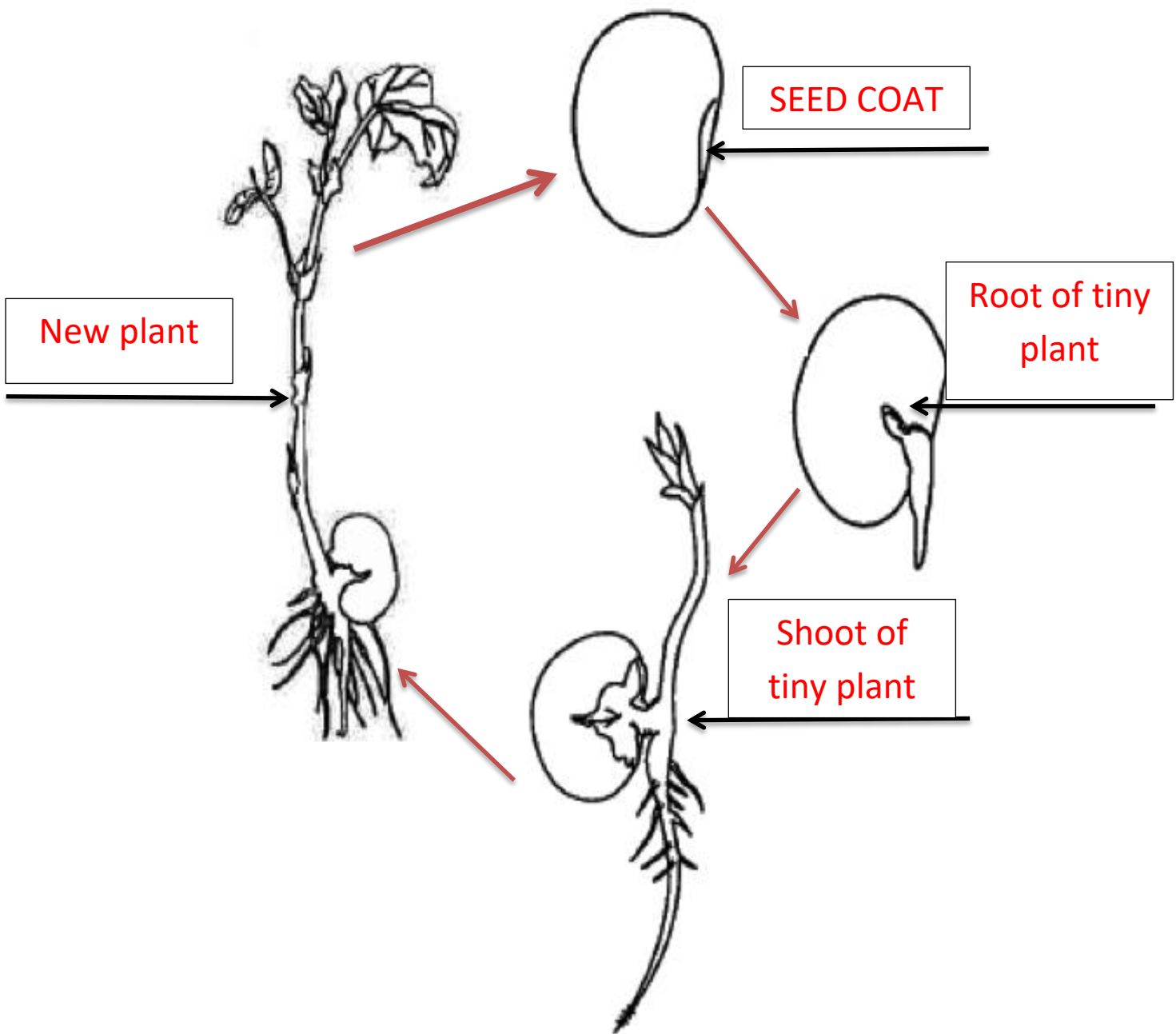
BUD



DATE: \_\_\_\_\_

**9. LABEL THE PICTURE IN THE ORDER OF GERMINATION**

**(Root of tiny plant, seed coat, shoot of tiny plant, new plant)**



DATE: \_\_\_\_\_

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**ASSIGNMENT:** “Check the [unit6\\_lesson2](#) video for this activity”.

1. GROWING AN ONION

**What you need:**

- onion jar
- Pencil • ruler lid • water

**•What you do:**

Find an onion and a jar of the same size.

Fill the jar with water nearly to the top.

Place the onion on top of the jar.

Put the jar in a warm, dark place until the onion grows roots. Then put the jar on a sunny window.

Measure the onion roots as they grow. Fill in the chart below.



LENGTH OF ROOTS	OTHER CHANGES
5 DAYS _____ CM	
10 DAYS _____ CM	
15 DAYS _____ CM	
20 DAYS _____ CM	
25 DAYS _____ CM	

DATE: \_\_\_\_\_

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