



## Lesson I

# REPRODUCTION IN PLANTS

### A. CAMBRIDGE ACTIVITY

Observe these plants and speak to your friends about

1. What do all the plants have in common?
2. Which of these plants are herbs and why?
3. Which of these plants are shrubs and why?
4. Which of these plants are trees and why?

### Science Activity

Which of these plants below are herbs, shrubs and which are trees?  
Draw a line from each plant and connect it to its type.



herb



shrub



tree



### Science Exploration

Take a walk in your neighbourhood.  
Are there more shrubs, herbs or trees?



## B. ONLINE ACTIVITY

Using the link given below, find the answers for the following questions.

<https://www.youtube.com/watch?v=KdZ2blF2CuM>

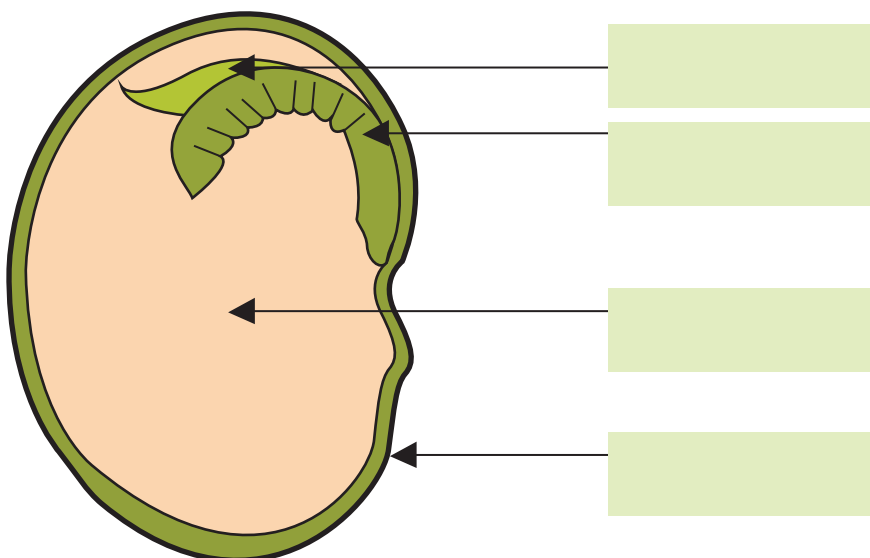
a) What is germination?

b) Define dispersal.

c) Name any two plants which disperse their seeds by

- (i) wind
- (ii) water
- (iii) animals
- (iv) explosion


d) Look at the following picture and label the parts of a seed.



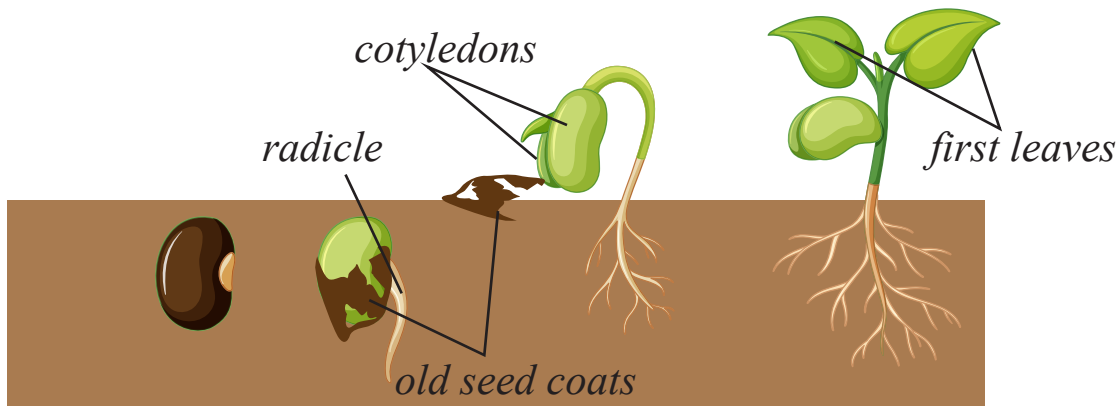
### ***Word Bank***

seed coat  
root  
leaves  
food



## C. WORKSHEET

Read the following passage and answer the questions given below.



**Stages of seed germination**

- ✿ The process by which a seed grows into a seedling is called germination.
- ✿ The seed requires oxygen, water and optimum temperature for germination.

### ***PARTS OF THE SEED***

- ✿ The seed is surrounded by an outer covering called the coat.
- ✿ The seed contains the baby plant called an embryo.
- ✿ The seed stores the reserve food in the fleshy cotyledons.

**Choose the correct answer.**

*flowers*

*baby*

*air*

*wings*

*embryo*

1. A germinating seed needs \_\_\_\_\_ to breathe.
2. The seed coat protects the \_\_\_\_\_ plant.
3. A seedling is also called \_\_\_\_\_.
4. Many \_\_\_\_\_ grow into fruits.



Arrange and match the stages of harvesting.

*IRRIGATION*

*CROP PROTECTION*

*HARVESTING*

*MANURING*

*PLOUGHING*



**D. LAB ACTIVITY:**

Germinate a mustard seed and record its growth.

