



# Let's Learn About Seeds

---

## 4 Growth Stages of Plants



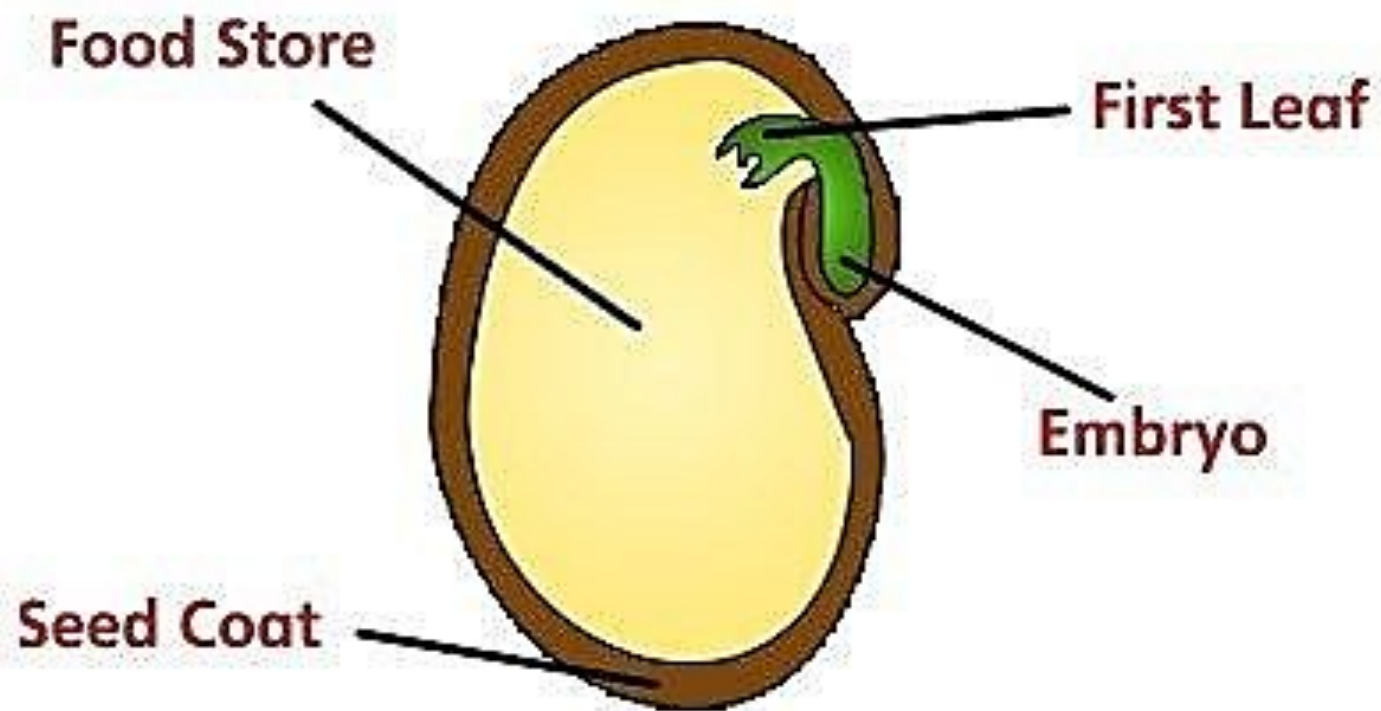
# Stage 1: Seed

---

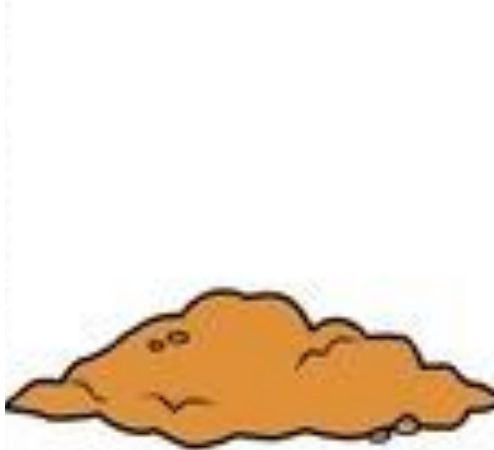
- The plant life cycle starts with a **seed**
- Tough outer layer called the **outer coat**
- Inside the seed is an **embryo**



# Parts Of Seed



# What does a seed need to grow?



soil



air



water



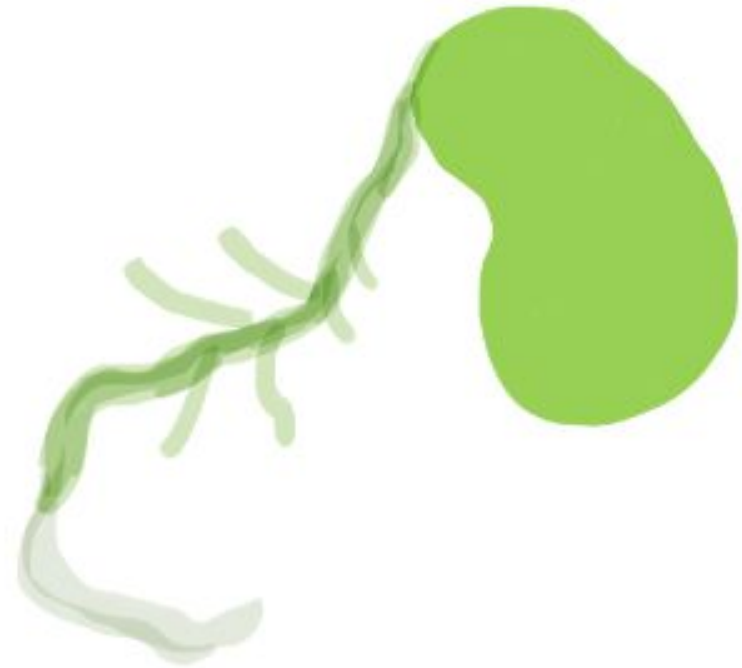
sun



# Stage 2: Germination

---

- Seed will begin to **sprout**
- The **first root** grows downward
- **Tiny hairs** on root absorb water and minerals from soil



# Stage 3: Seedling

---

- **Seedling** is a very young plant
- Starts growing towards **sunlight**
- Remember! Seedlings need *sunlight*, *nutrients* from soil, *water*, and *air* to survive and grow



# Stage 4: Adult Plant

---

- **Mature** or **adult plants** can grow flowers or fruits
- Adult plants have:
  - Roots
  - Stem
  - Flowers or Fruits
- Adult plants are bigger and have more parts than a seedling



**Let's Practice!**

# Plant Growth Stages Activity

## Materials

- Stack of plant growth stages of a lima bean NOT in order
- 1 Blank paper
- Coloring tools
- Glue or tape

## Directions

1. Rearrange the growth stages of a plant in the order you *think* is correct. Don't worry we'll discuss the correct answer as a group in a few minutes!
2. After the group discussion, glue or tape the stages in the correct order onto the blank paper.
3. Next step: In the blank space around the stages, draw and color what these plant stages need to survive and grow.

Hint: There's 4 things . . .

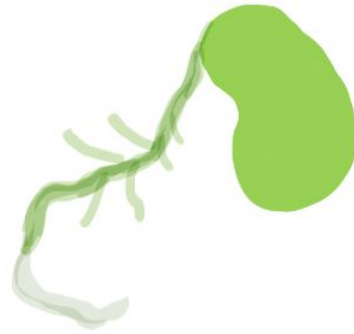




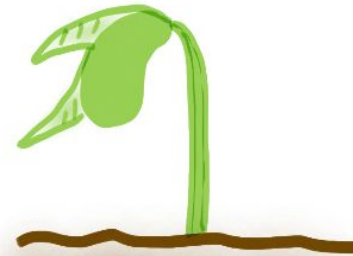
# 4 Growth Stages of Plants



**1. Seed**



**2. Germination**



**3. Seedling**



**4. Adult Plant**

# What does a seed need to grow?

