

Parts of a Plant

by Denise Carroll



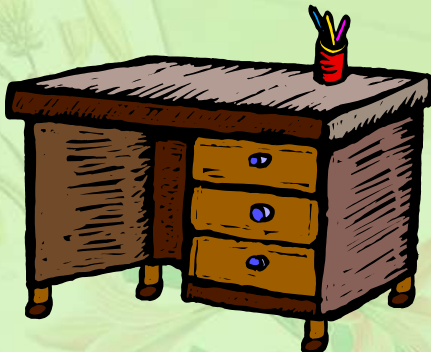
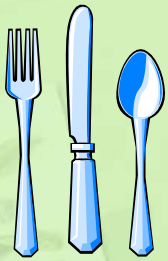
Living Things

- All living things grow and change.
- All living things need food, water, and air to live.



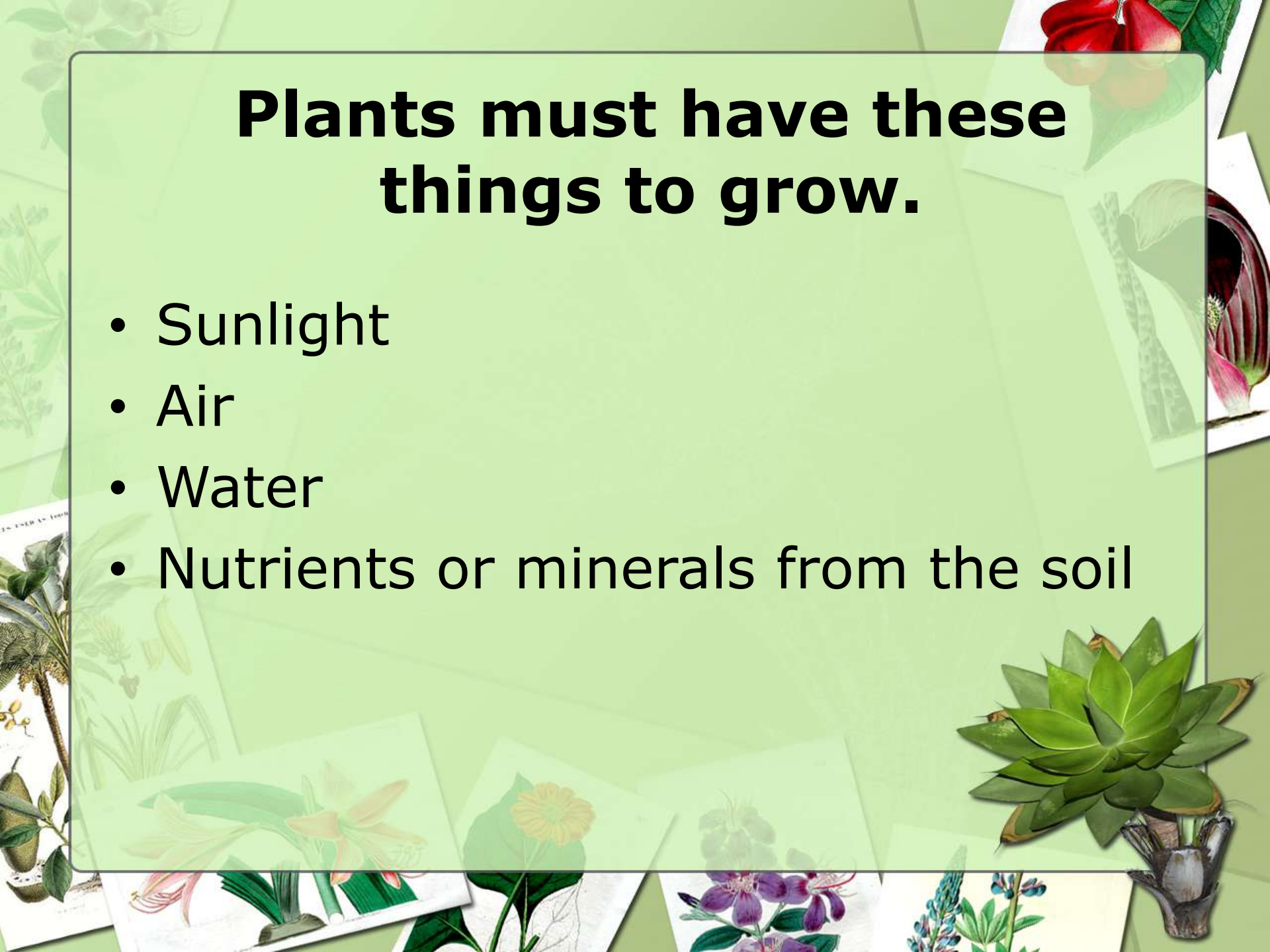
Nonliving Things

- Nonliving things are not alive.
- Nonliving things do not need food, water, or air.



Plants must have these things to grow.

- Sunlight
- Air
- Water
- Nutrients or minerals from the soil



**When a seed has sunlight,
air, water, and nutrients
it will begin to germinate,
or start to grow.**

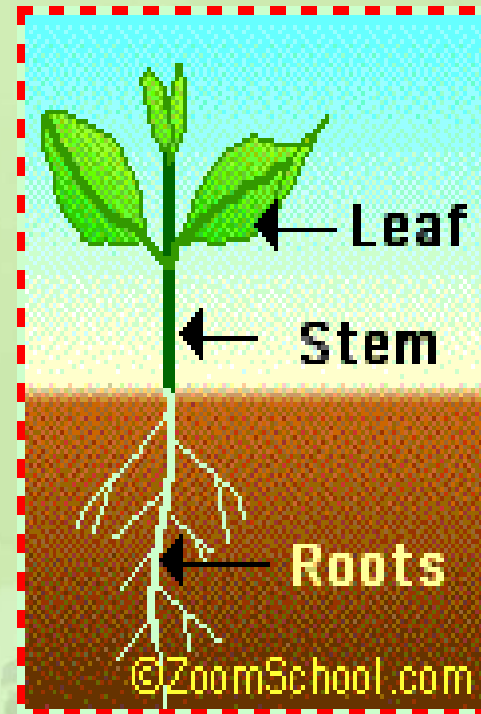
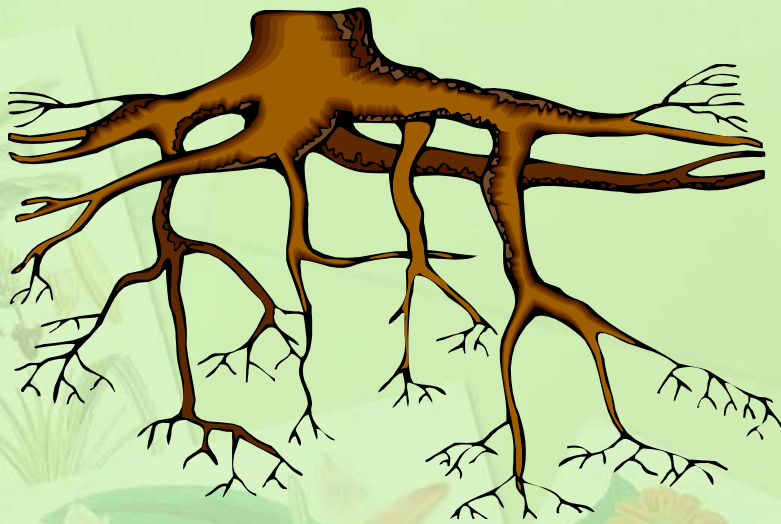


**This young plant that
grows from a seed is
called a seedling.**



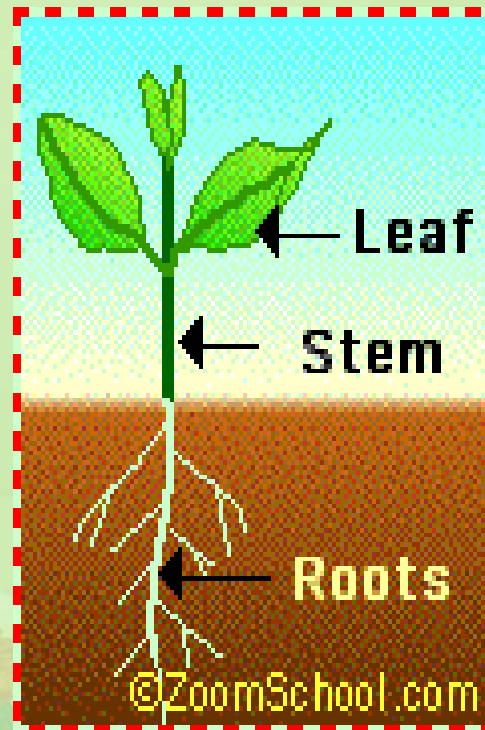
Parts of a Plant

- **Roots** hold the plant in the soil and takes in water and nutrients from the soil.



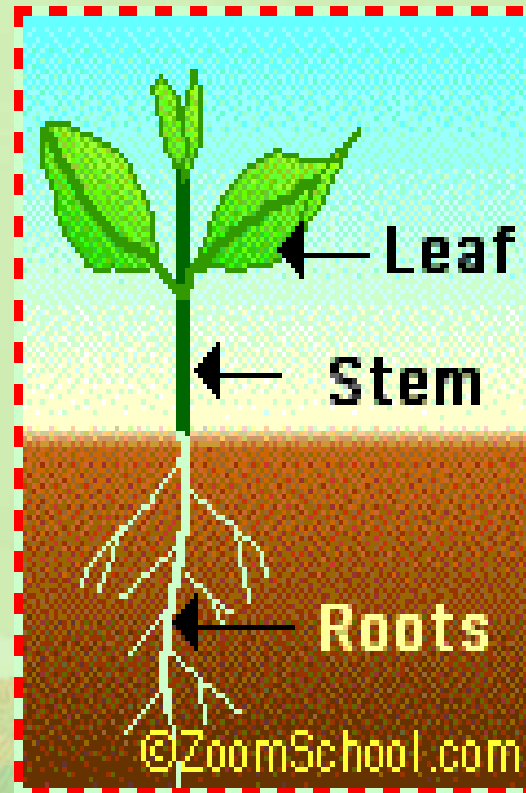
Parts of a Plant

- The **stem** holds up the plant and moves water and nutrients through it.



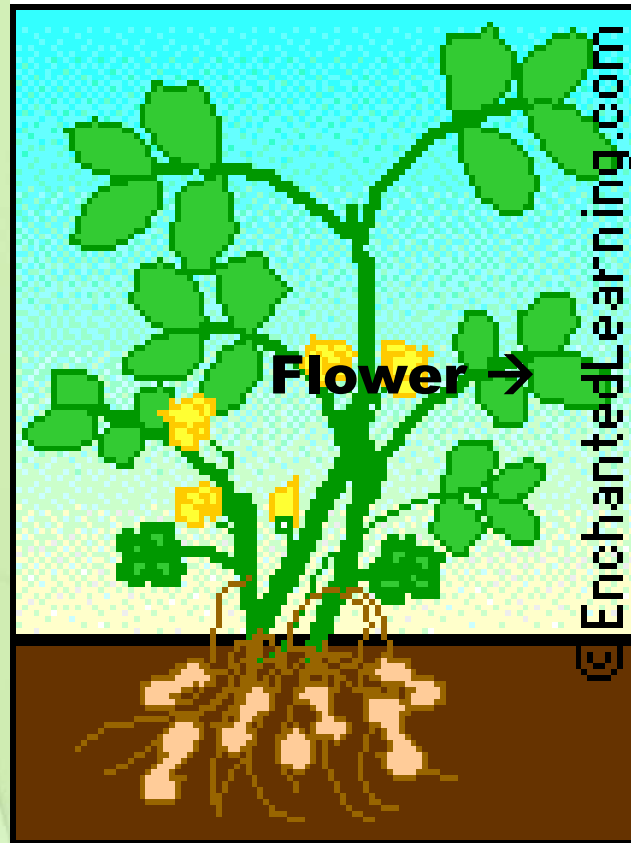
Parts of a Plant

- **Leaves** use light, air, water, and nutrients to make food for the plant.



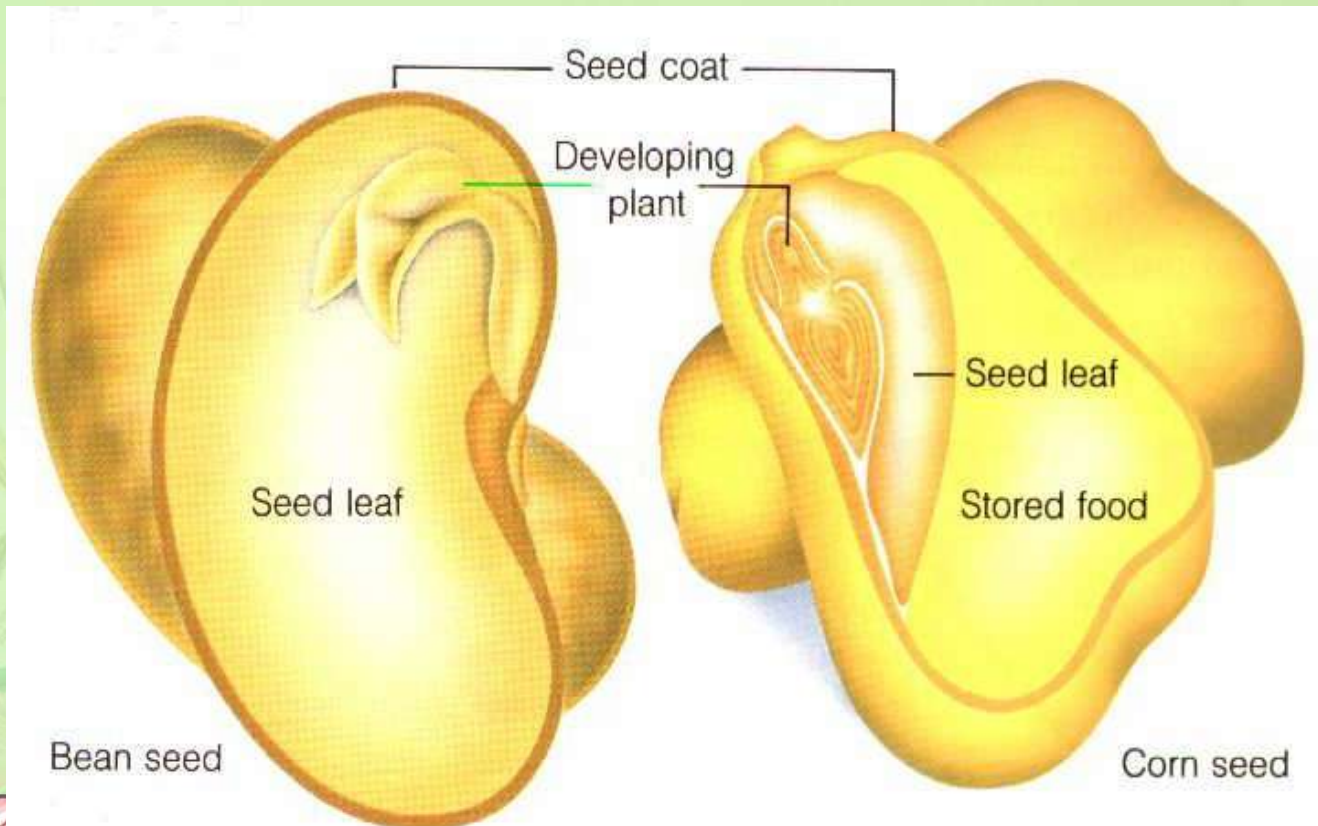
Parts of a Plant

- **Flowers** make fruits that hold seeds.



Parts of a Seed

- Seed Coat
- Seed Leaf
- Stored Food
- Developing Plant



**The hard covering that
protects the seed is the ...**

Seed Coat

**The part that looks like a
leaf inside each seed is
the ...**

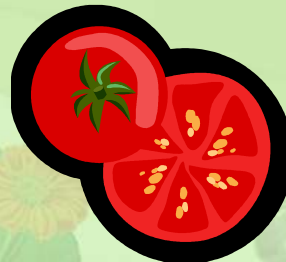
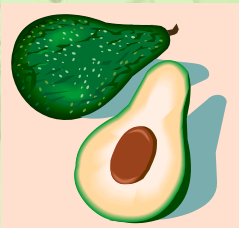
Seed Leaf



Seeds

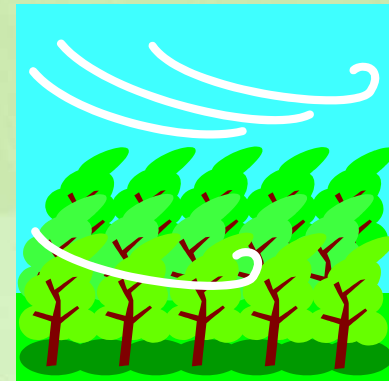
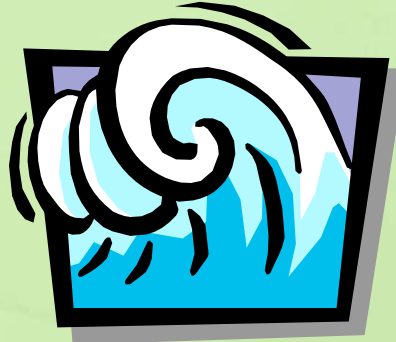
Seeds are formed in the center part of the flower or fruit.

Seeds come in many shapes and sizes.
Plants grow from seeds.



How Seeds Are Scattered

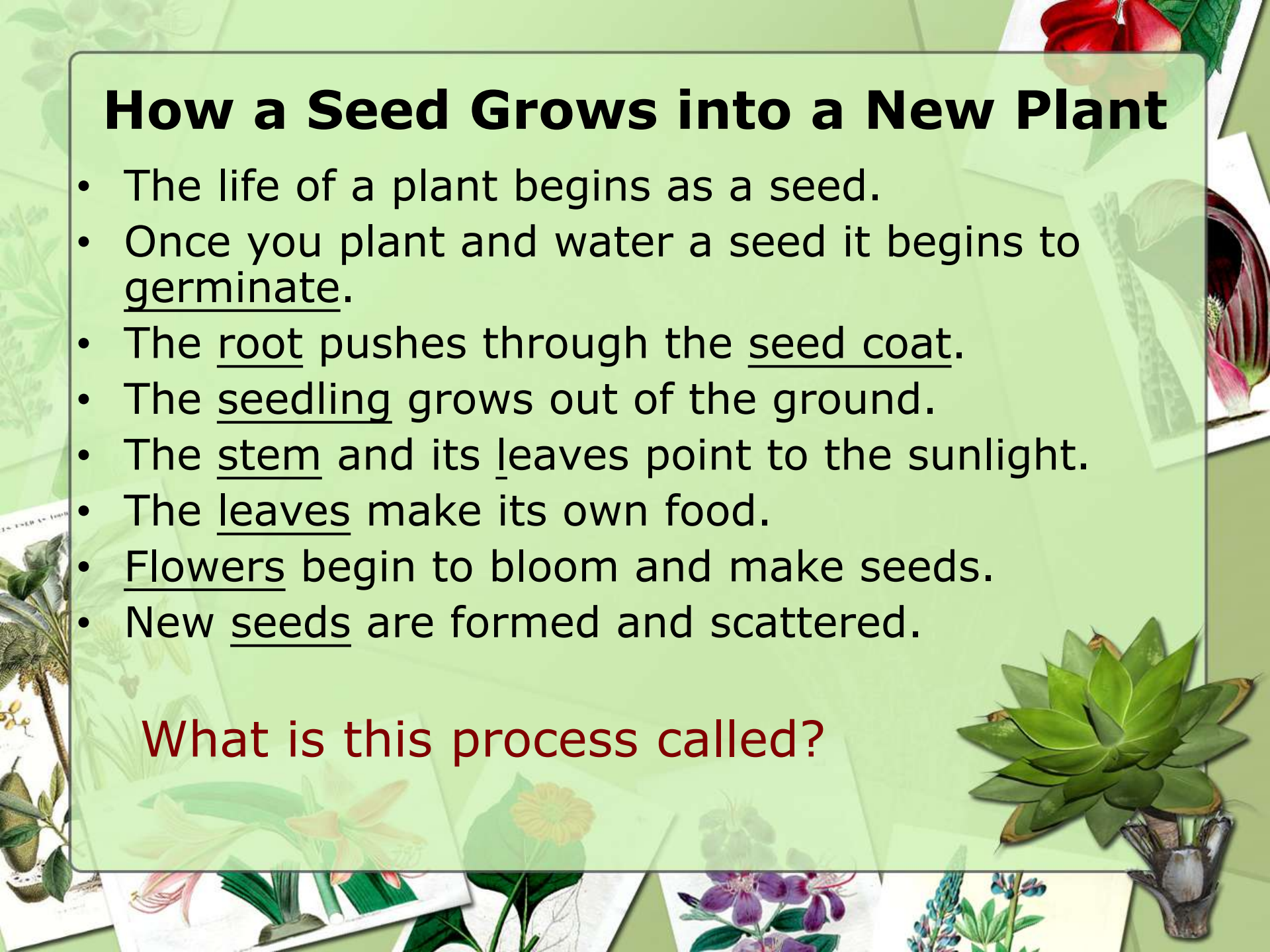
- Planting
- Animals
- Water
- Wind



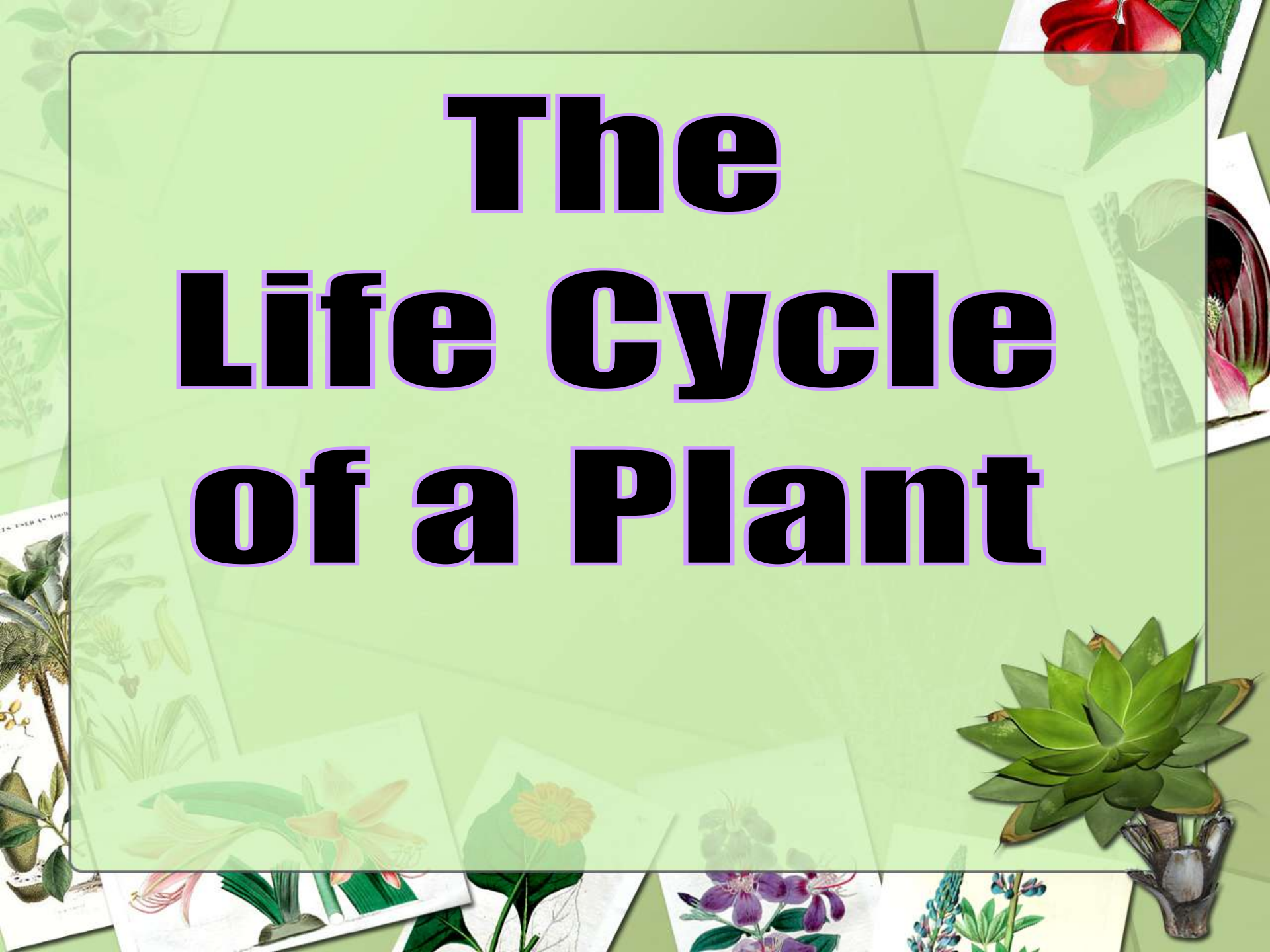
How a Seed Grows into a New Plant

- The life of a plant begins as a seed.
- Once you plant and water a seed it begins to germinate.
- The root pushes through the seed coat.
- The seedling grows out of the ground.
- The stem and its leaves point to the sunlight.
- The leaves make its own food.
- Flowers begin to bloom and make seeds.
- New seeds are formed and scattered.

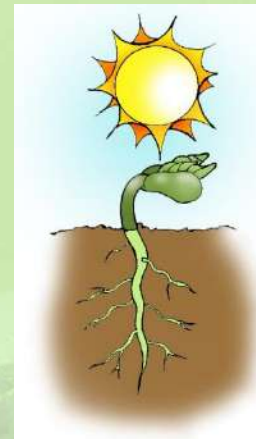
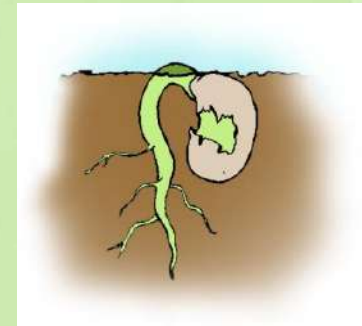
What is this process called?



The Life Cycle of a Plant



Life Cycle of a Plant

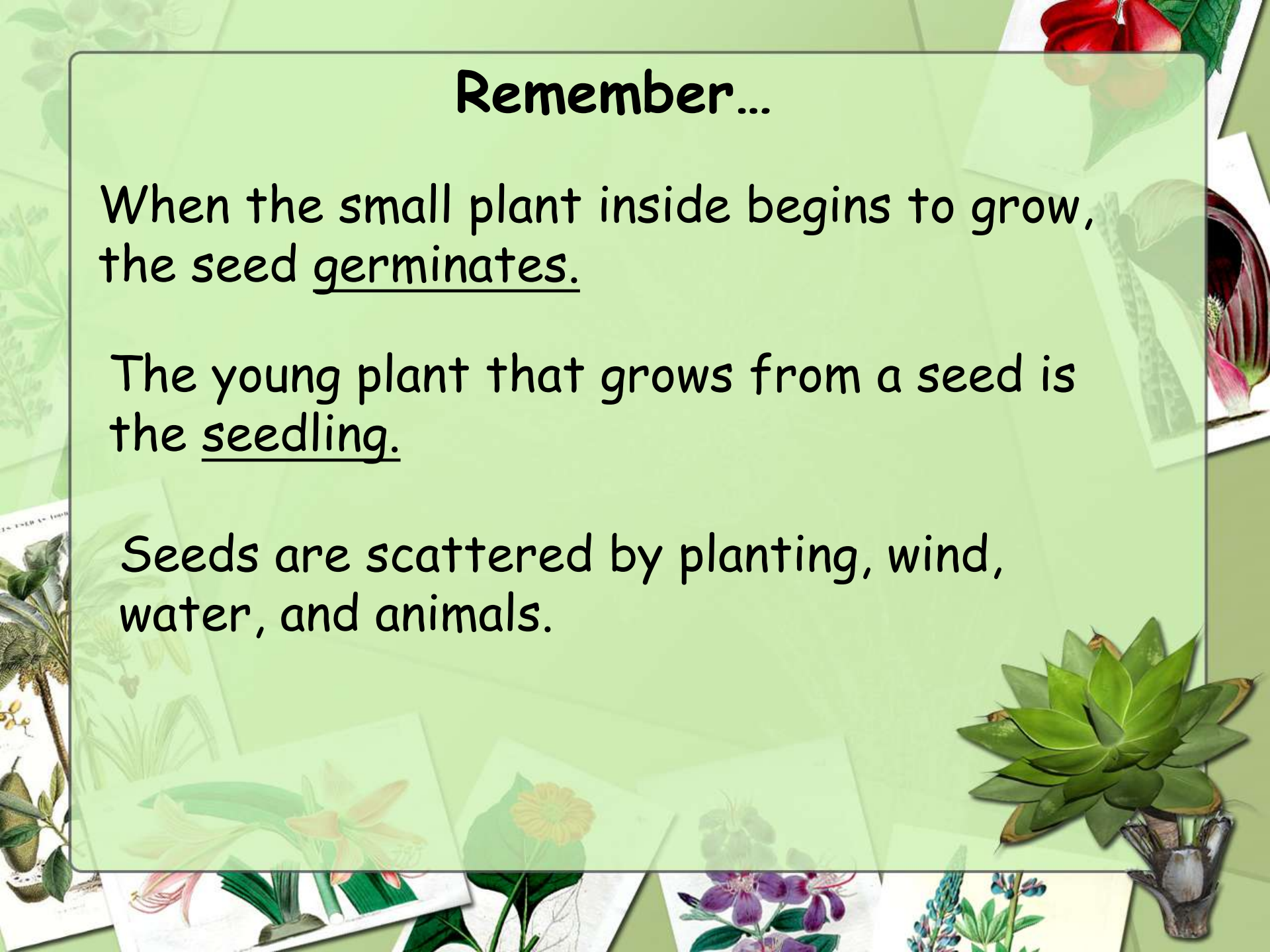


Remember...

When the small plant inside begins to grow, the seed germinates.

The young plant that grows from a seed is the seedling.

Seeds are scattered by planting, wind, water, and animals.



Let's Review!

1. What do all living things need to live and grow?

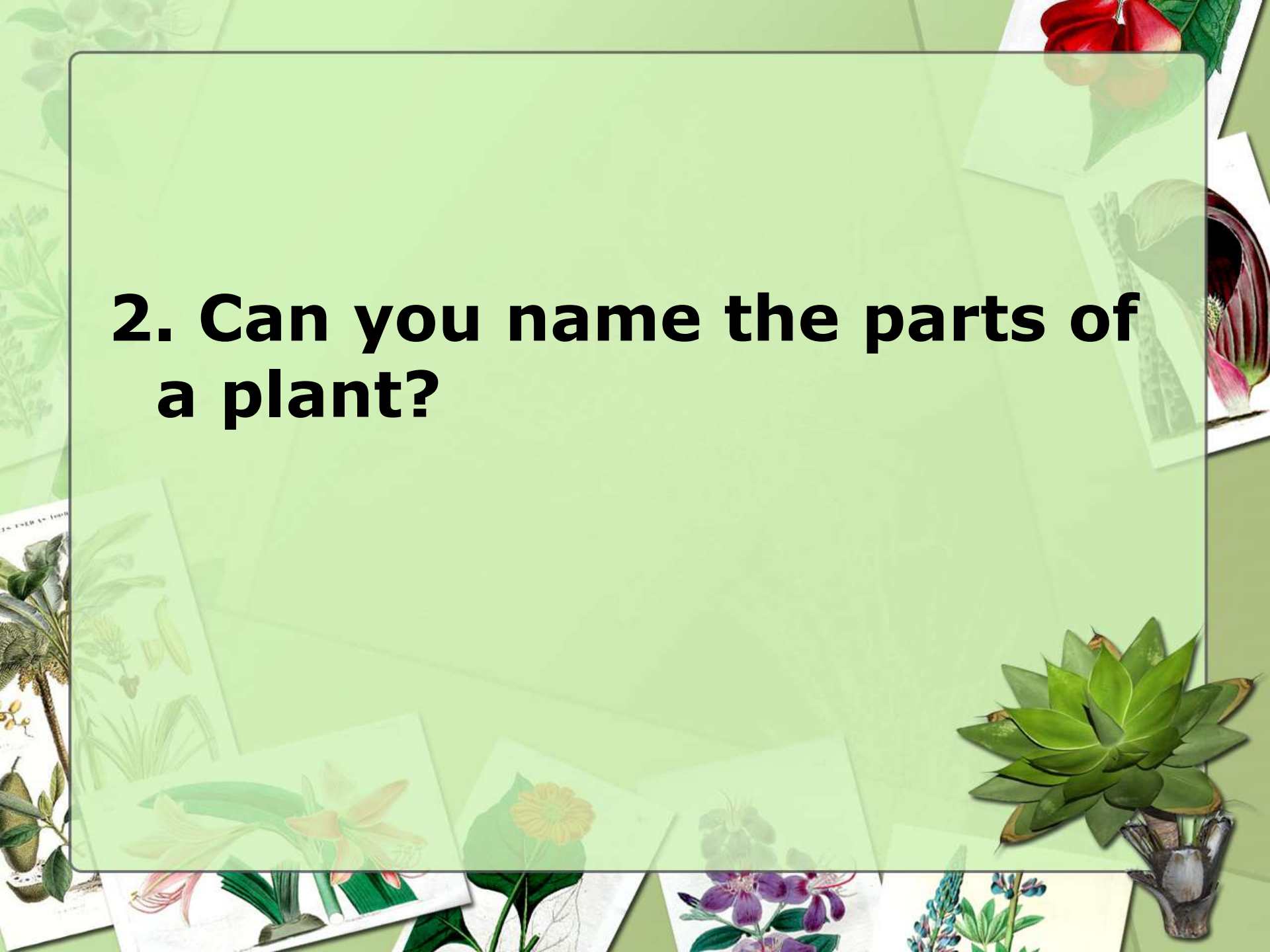


1. All living things need _____.

**food
water
air**

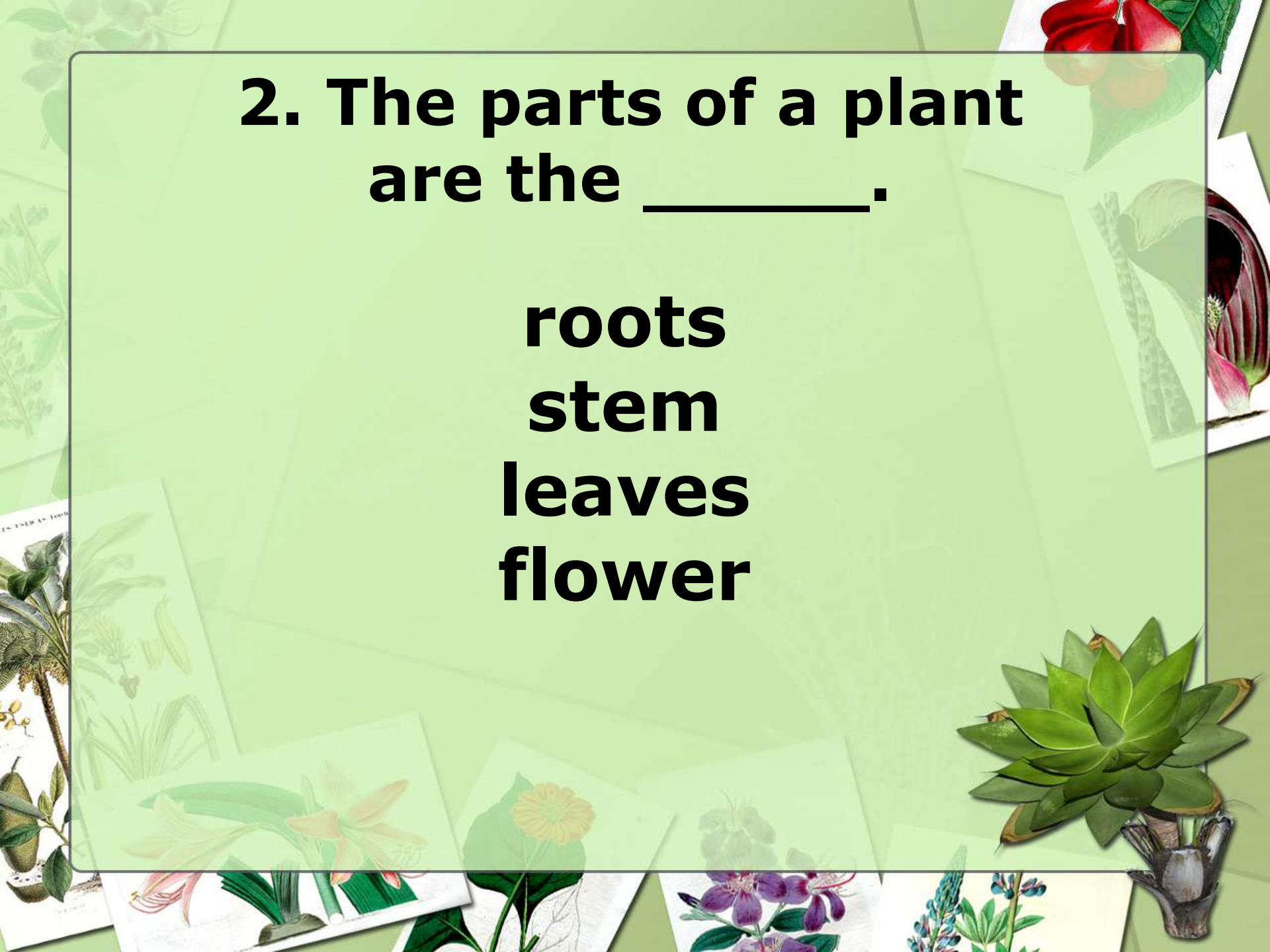


2. Can you name the parts of a plant?

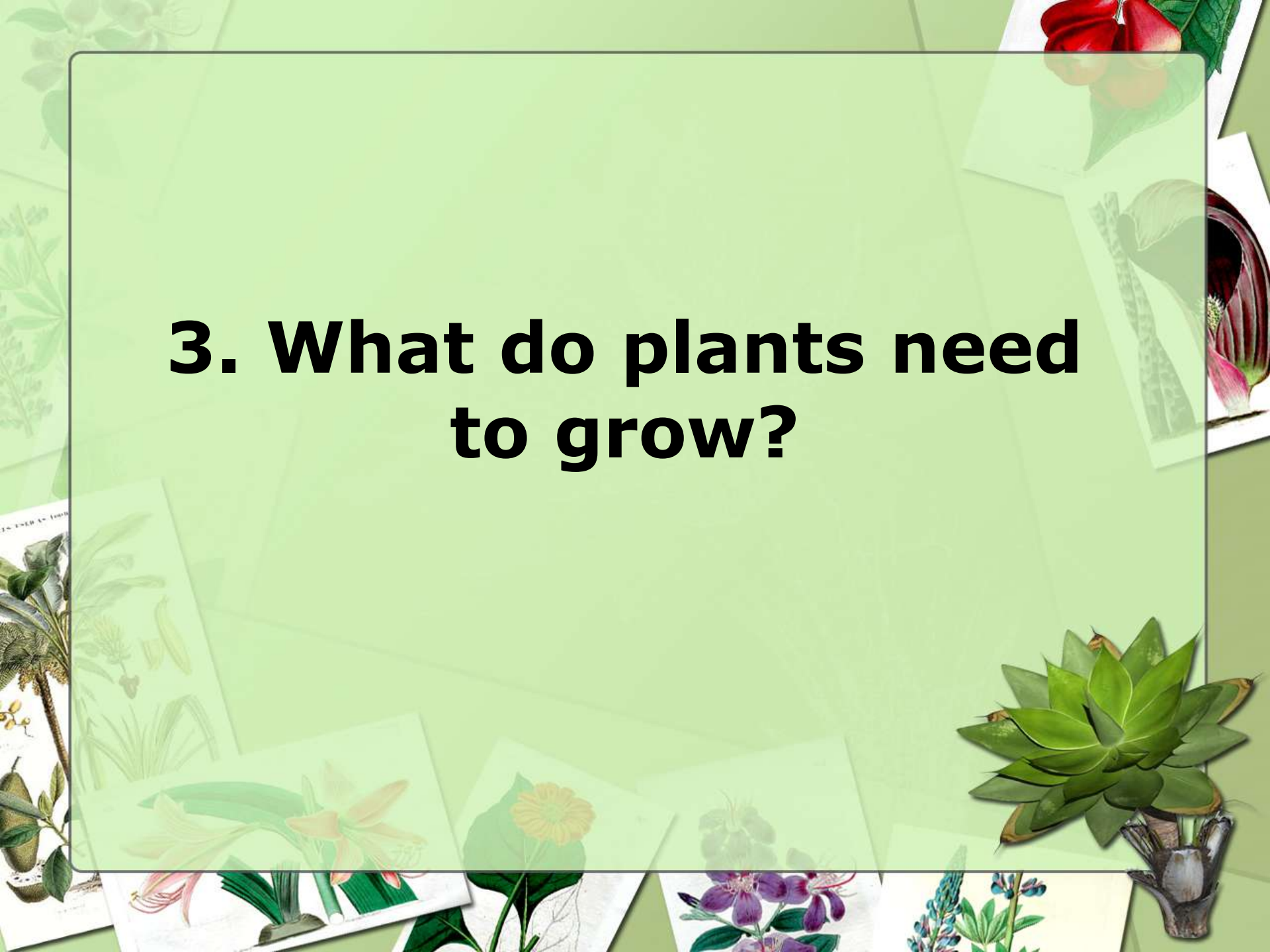


**2. The parts of a plant
are the _____.**

**roots
stem
leaves
flower**



3. What do plants need to grow?



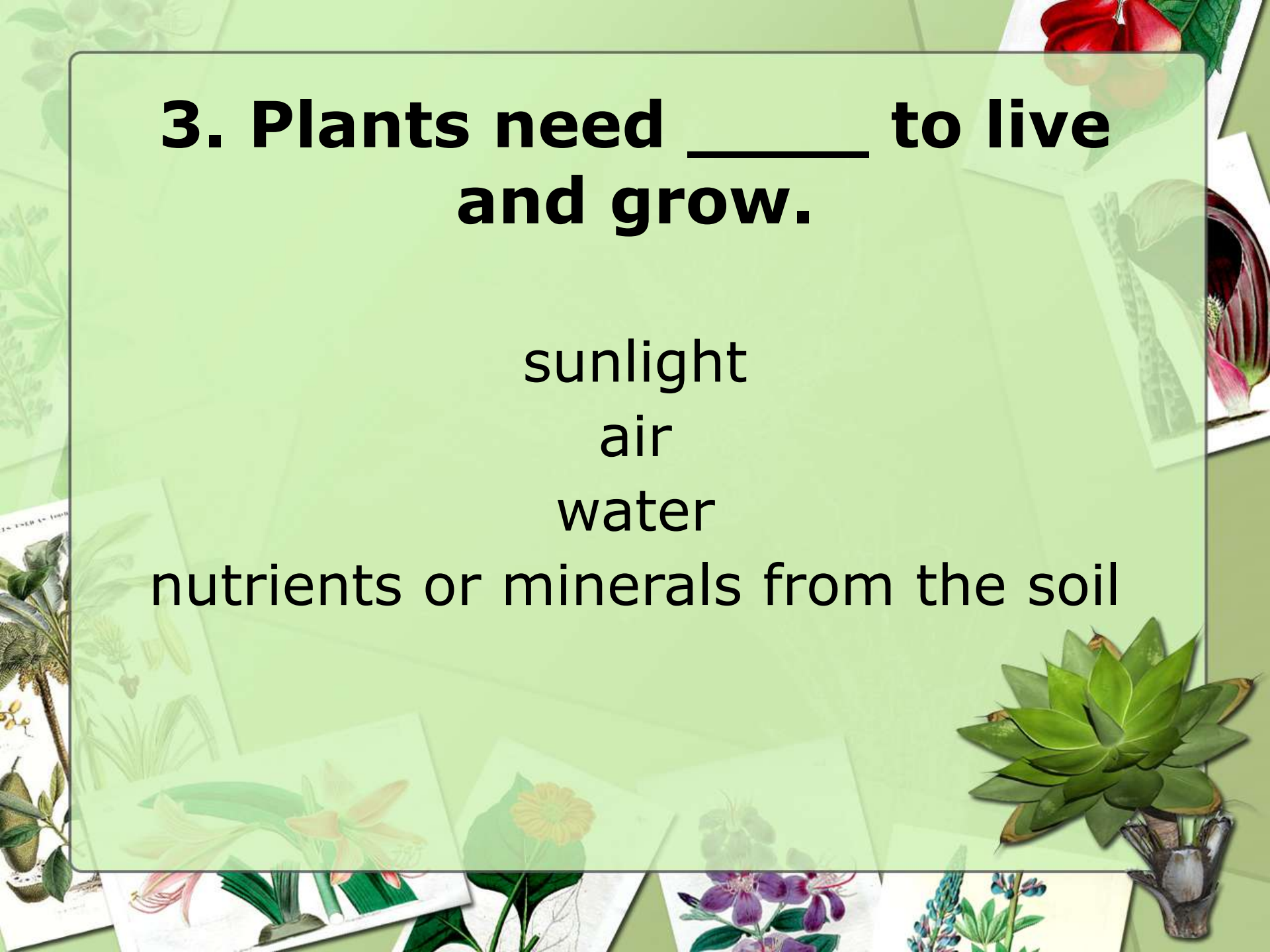
3. Plants need _____ to live and grow.

sunlight

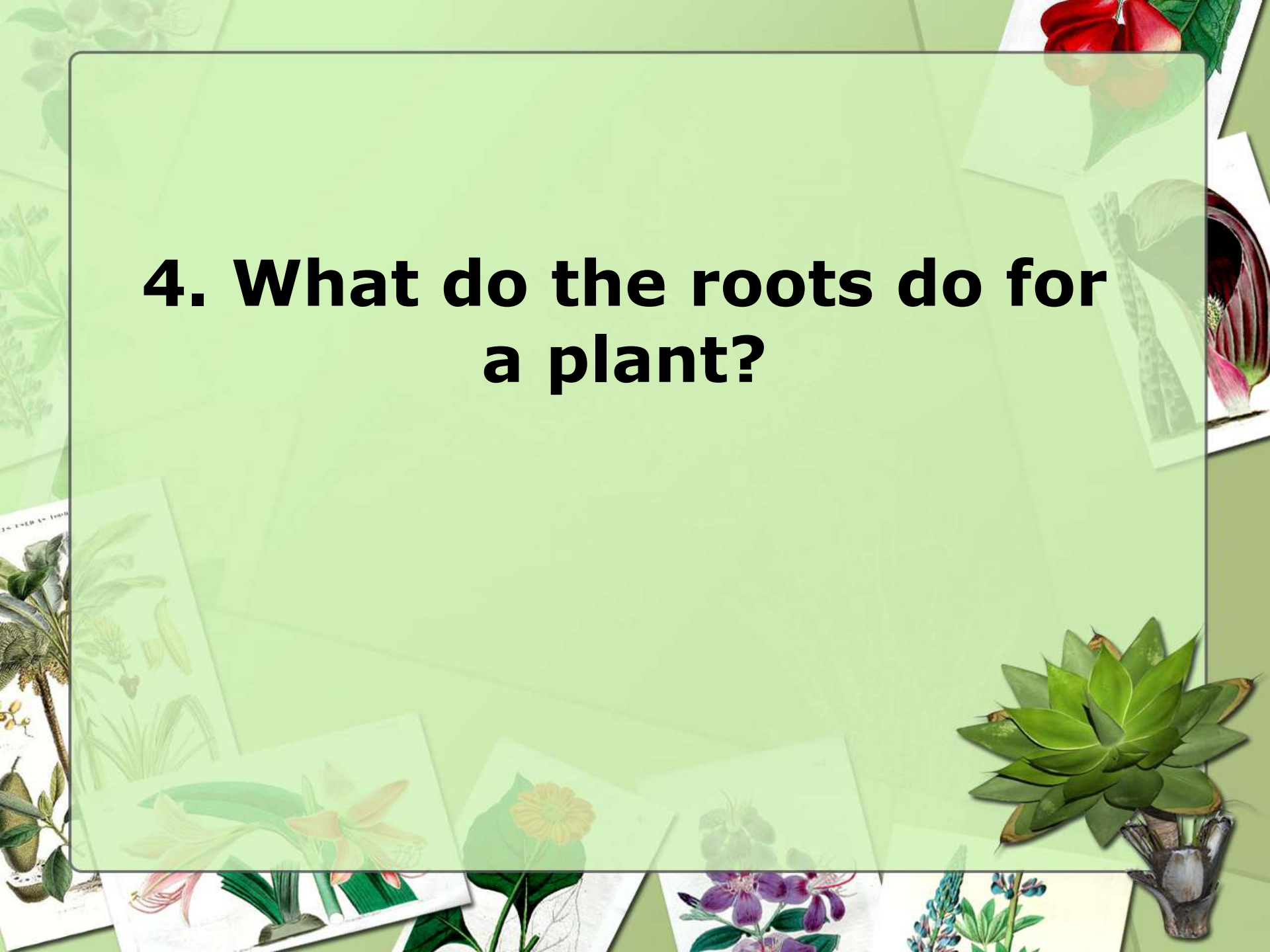
air

water

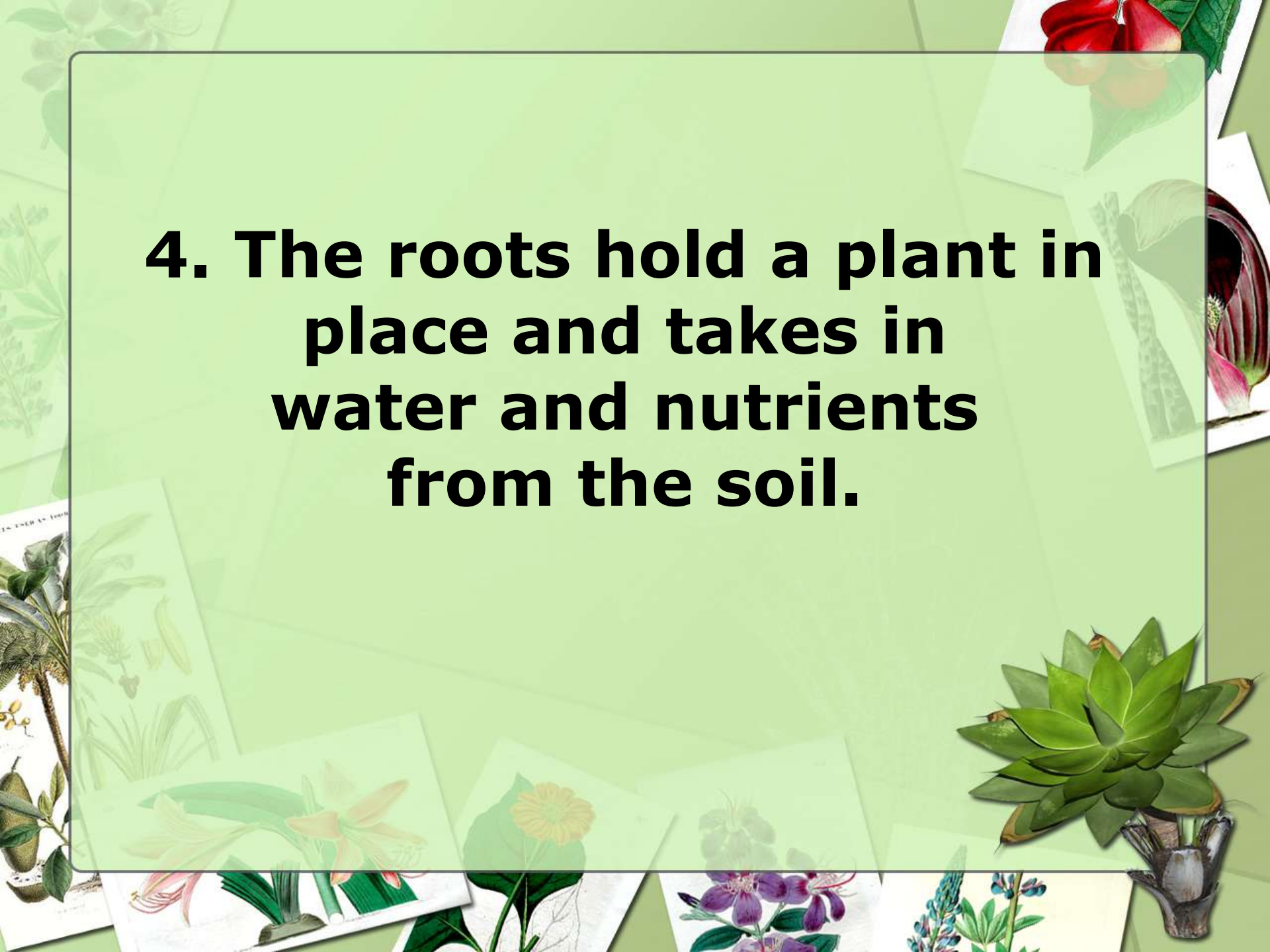
nutrients or minerals from the soil



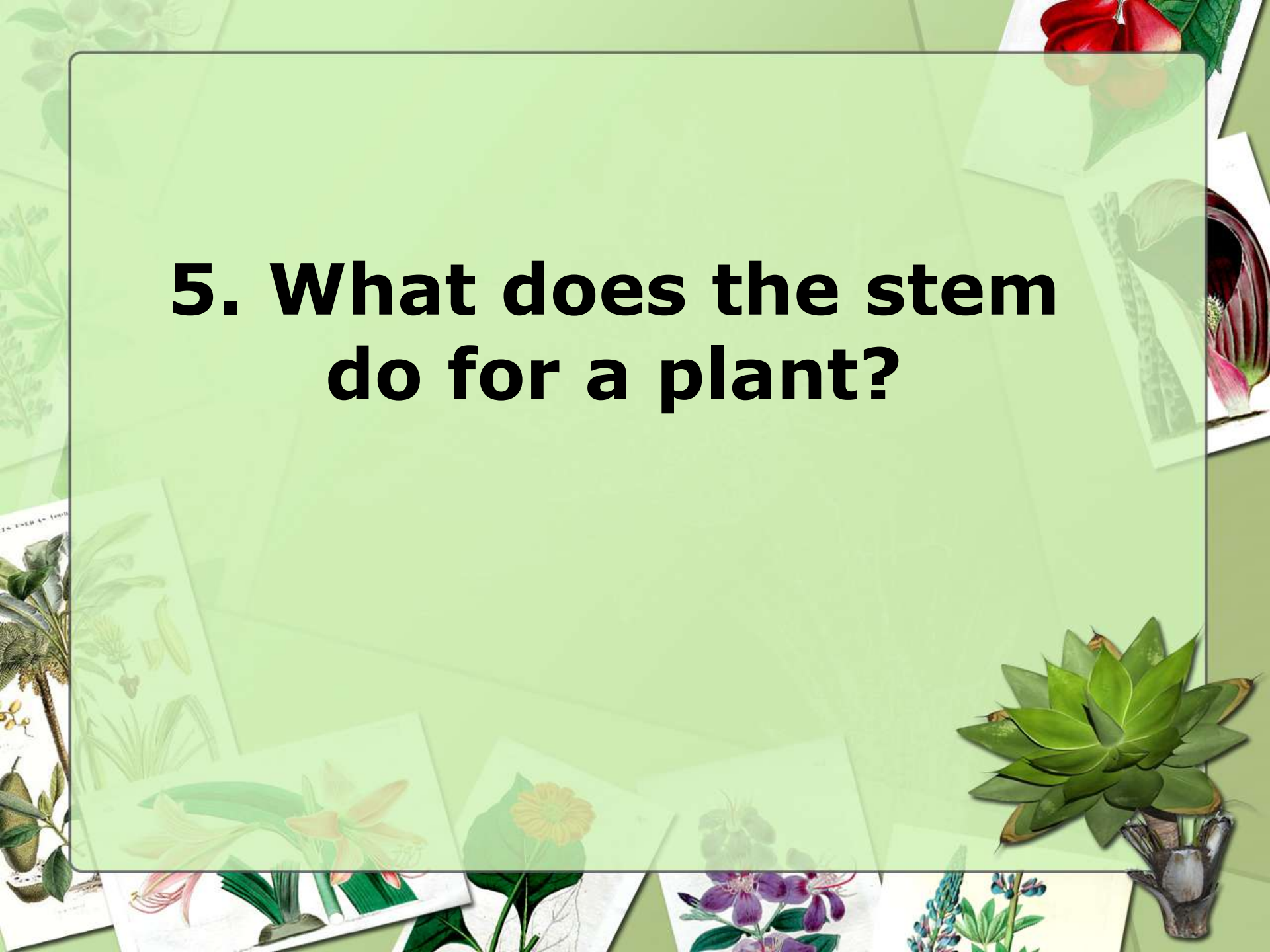
4. What do the roots do for a plant?



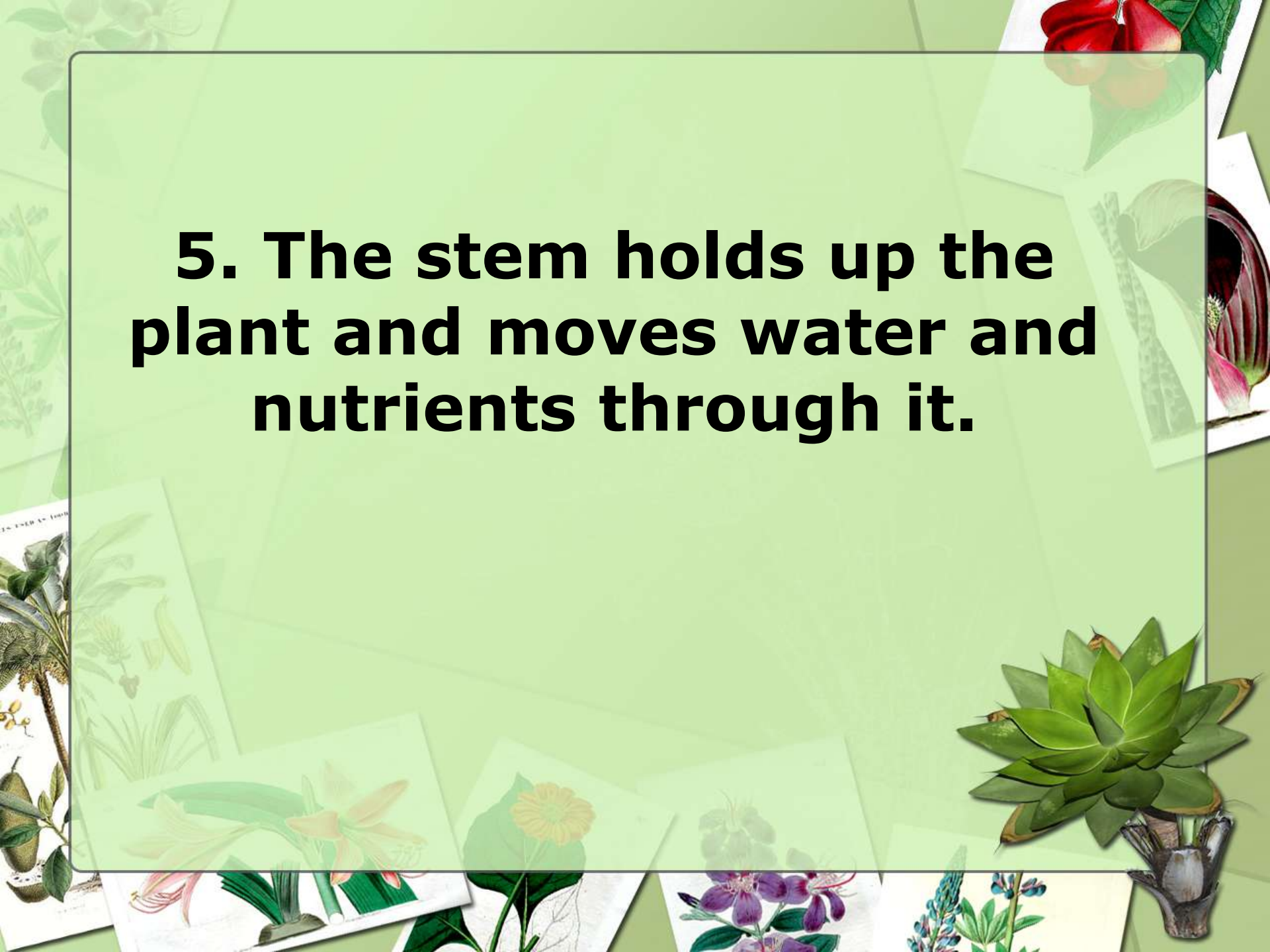
4. The roots hold a plant in place and takes in water and nutrients from the soil.



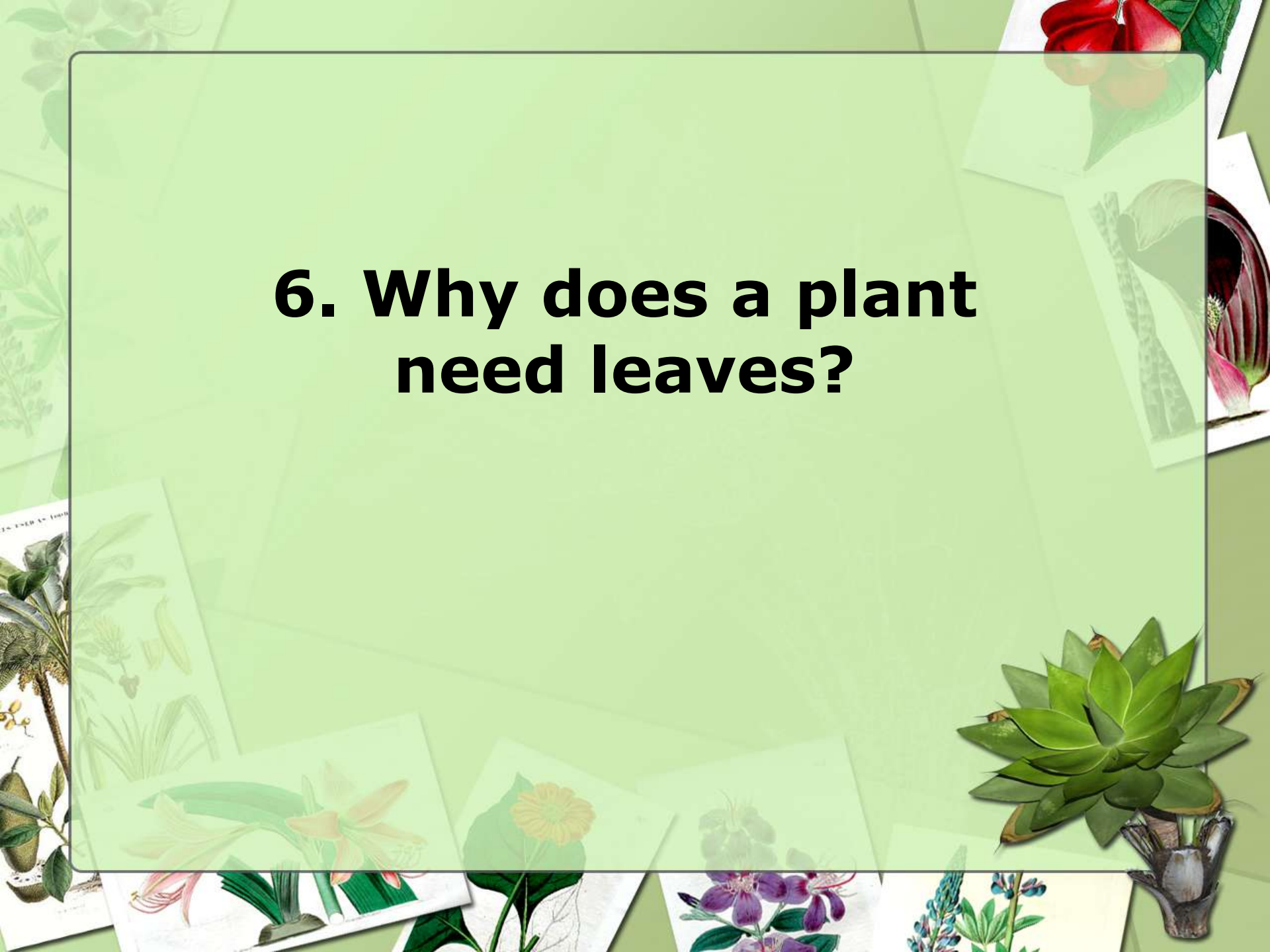
5. What does the stem do for a plant?



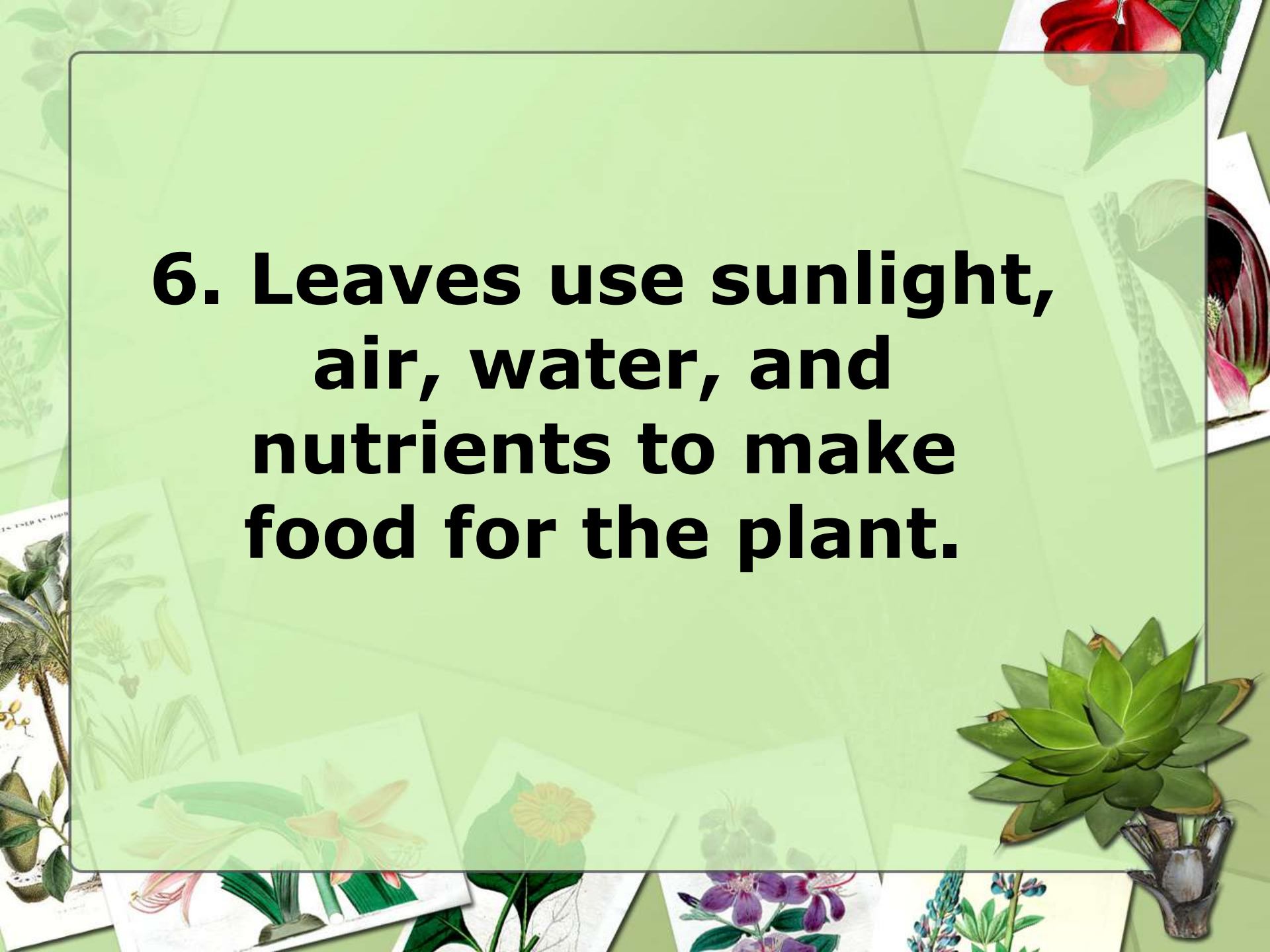
5. The stem holds up the plant and moves water and nutrients through it.



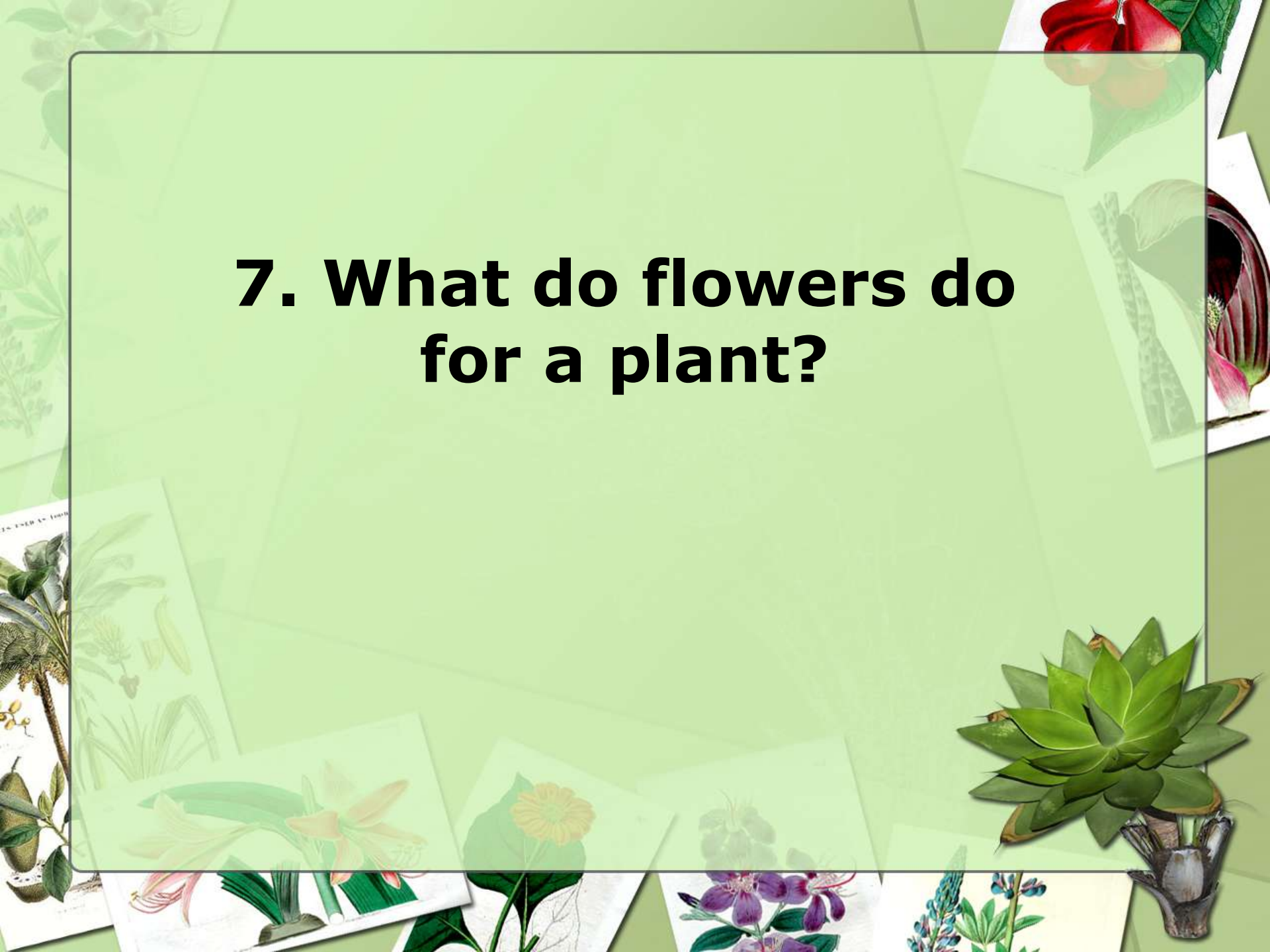
6. Why does a plant need leaves?



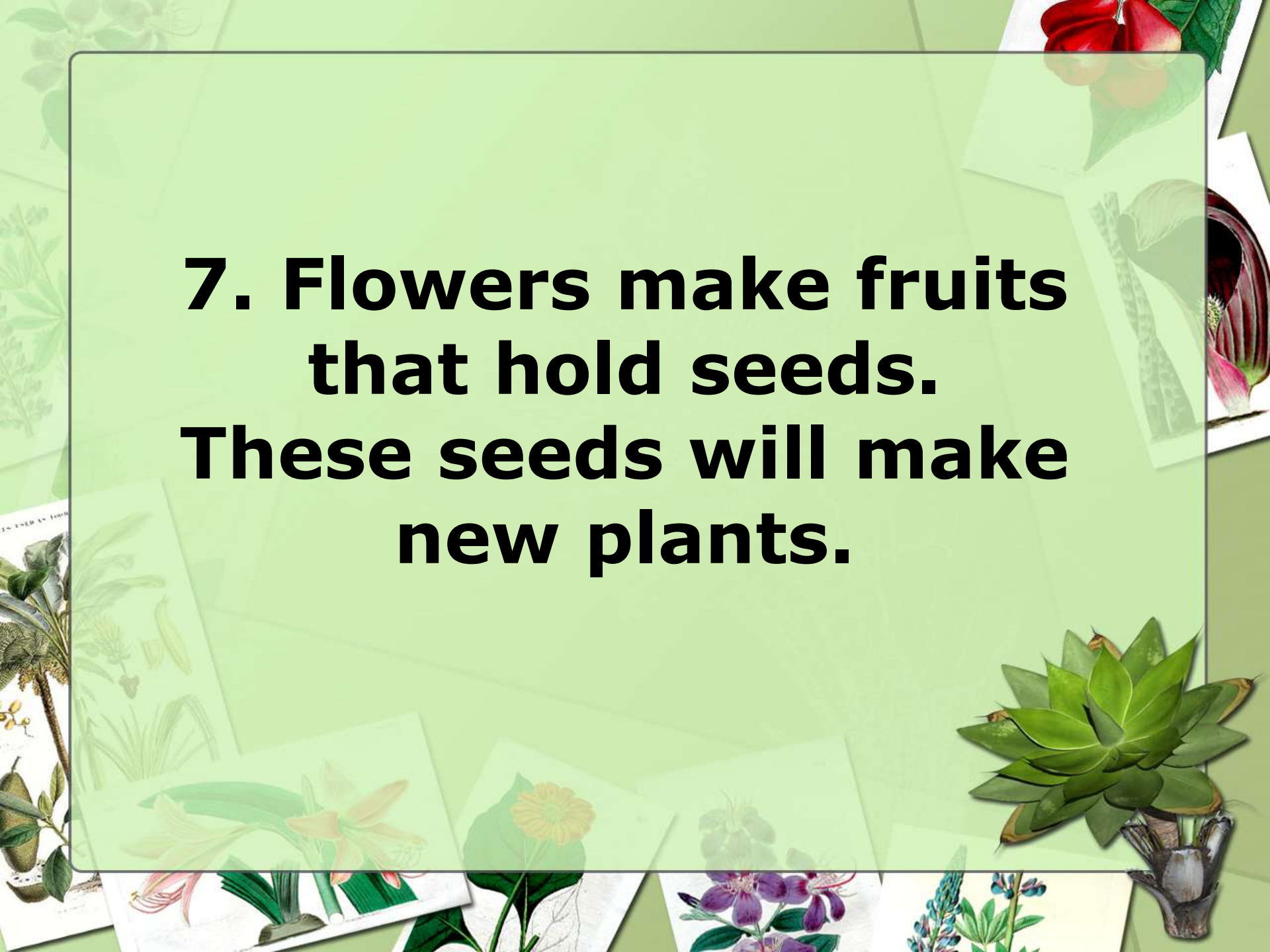
**6. Leaves use sunlight,
air, water, and
nutrients to make
food for the plant.**



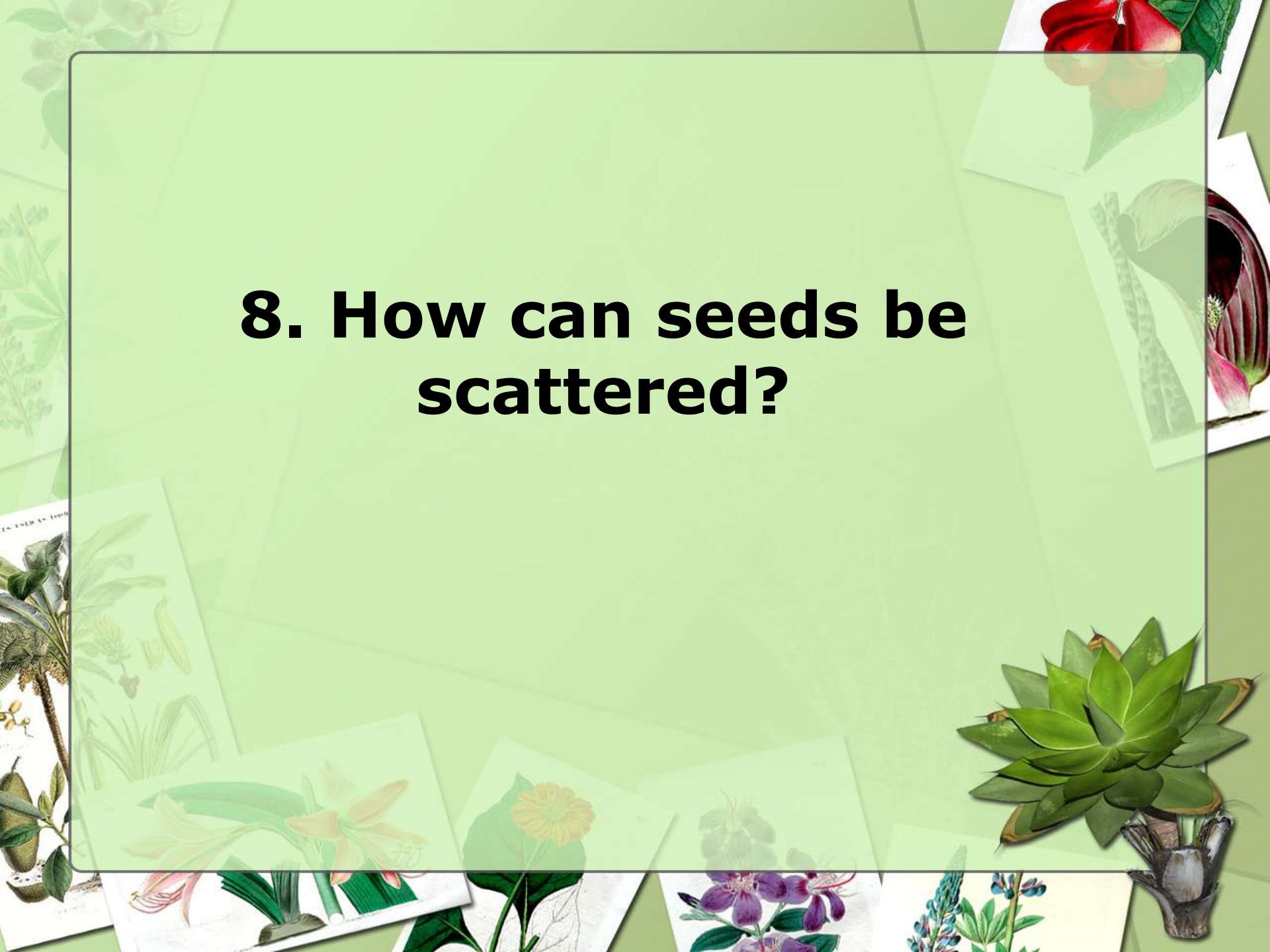
7. What do flowers do for a plant?



**7. Flowers make fruits
that hold seeds.
These seeds will make
new plants.**

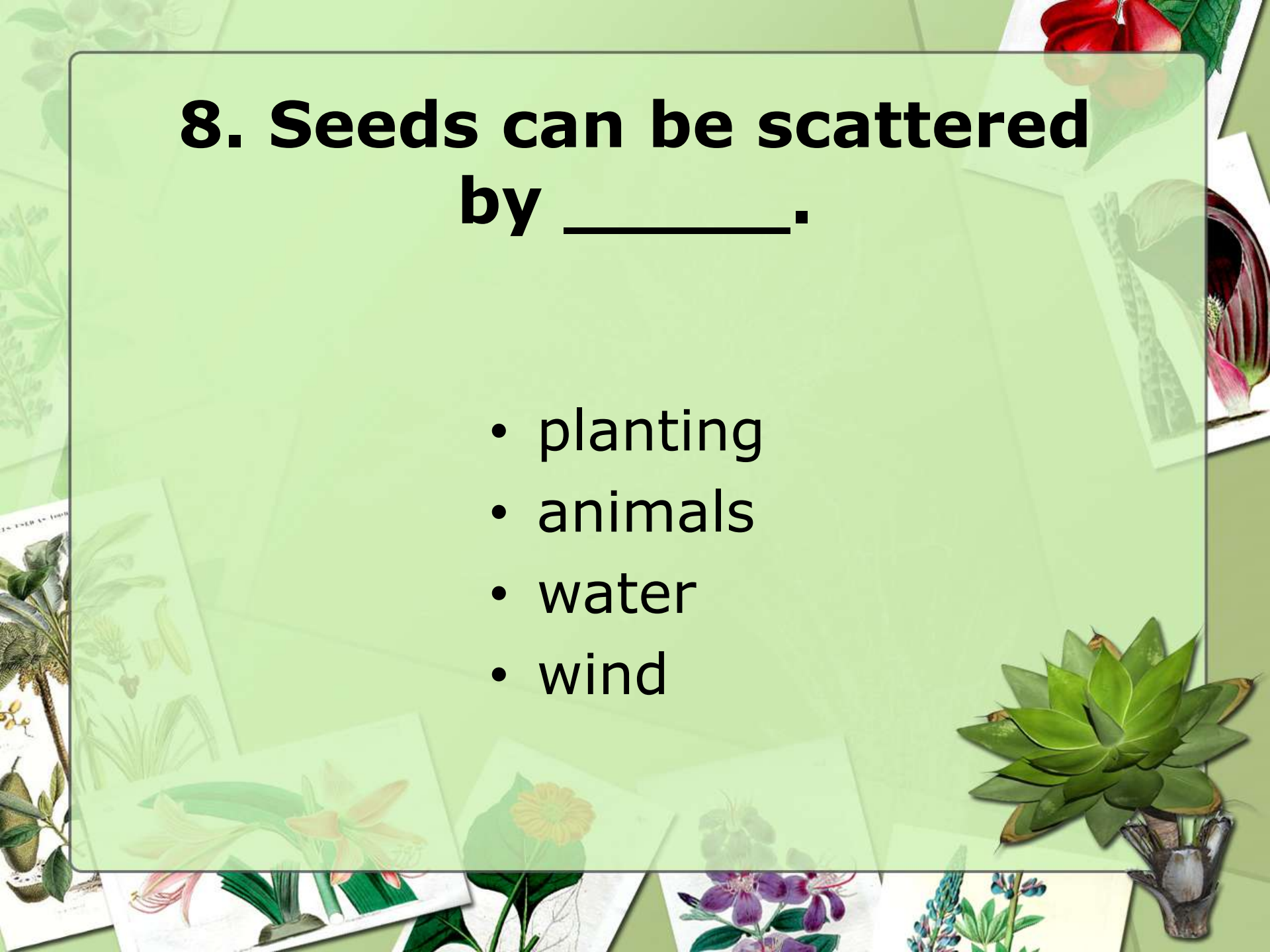


8. How can seeds be scattered?



8. Seeds can be scattered by _____.

- planting
- animals
- water
- wind



Congratulations!

You have learned all about plants,
seeds, and a plant's life cycle.



Resources

- <http://images.search.yahoo.com>
- <http://office.microsoft.com/clipart>
- <http://www.page.gc.k12.va.us/public/presentations/downloads/Plants.ppt>

