

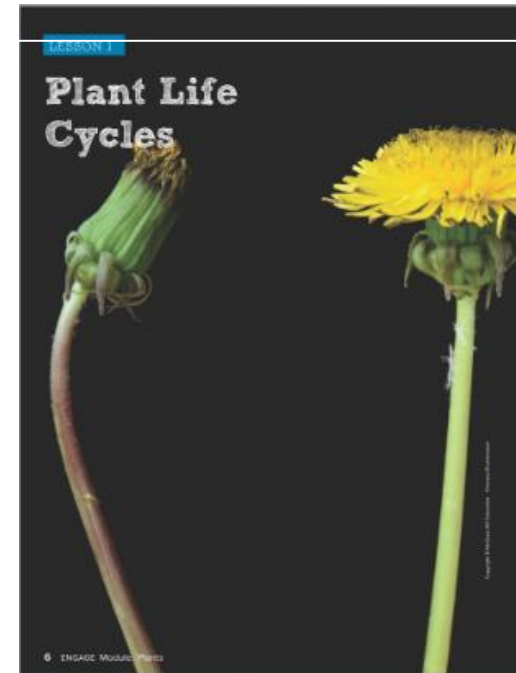
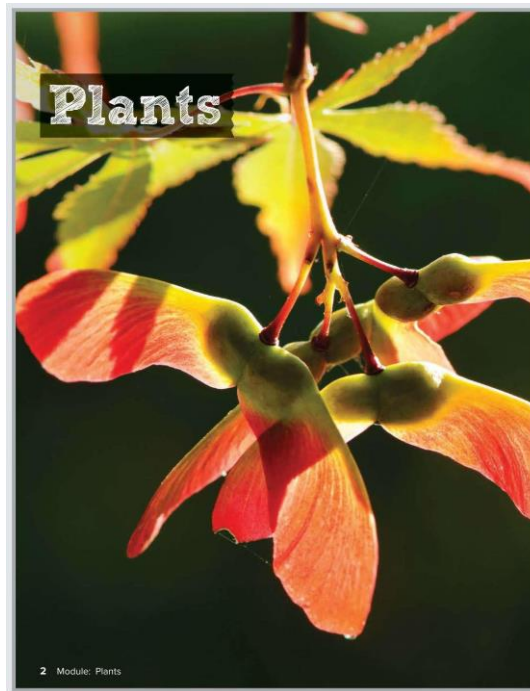
Science Teacher : Ms.Nidal

SCIENCE GRADE 3

May 2024 TERM 3

UNIT 2- Test 1 revision

LESSON 1- Plant Lifecycle



17/4/2024

My new Vocabulary

Germinate

تنبت

The stages of how a plant grows



Seeds

بذور

Seeds can develop and grow into a plant



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My new Vocabulary

Reproduce

make more of an organism's own kind

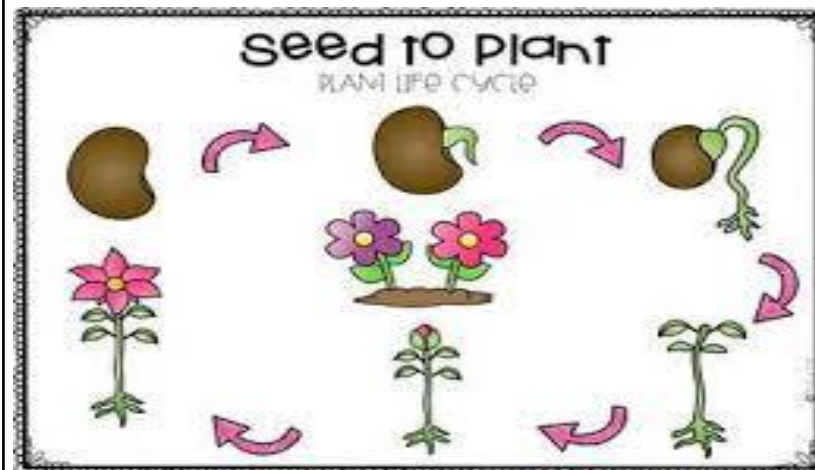
إعادة انتاج / تكاثر



Life cycle

How an organism grows and reproduces

دورة الحياة



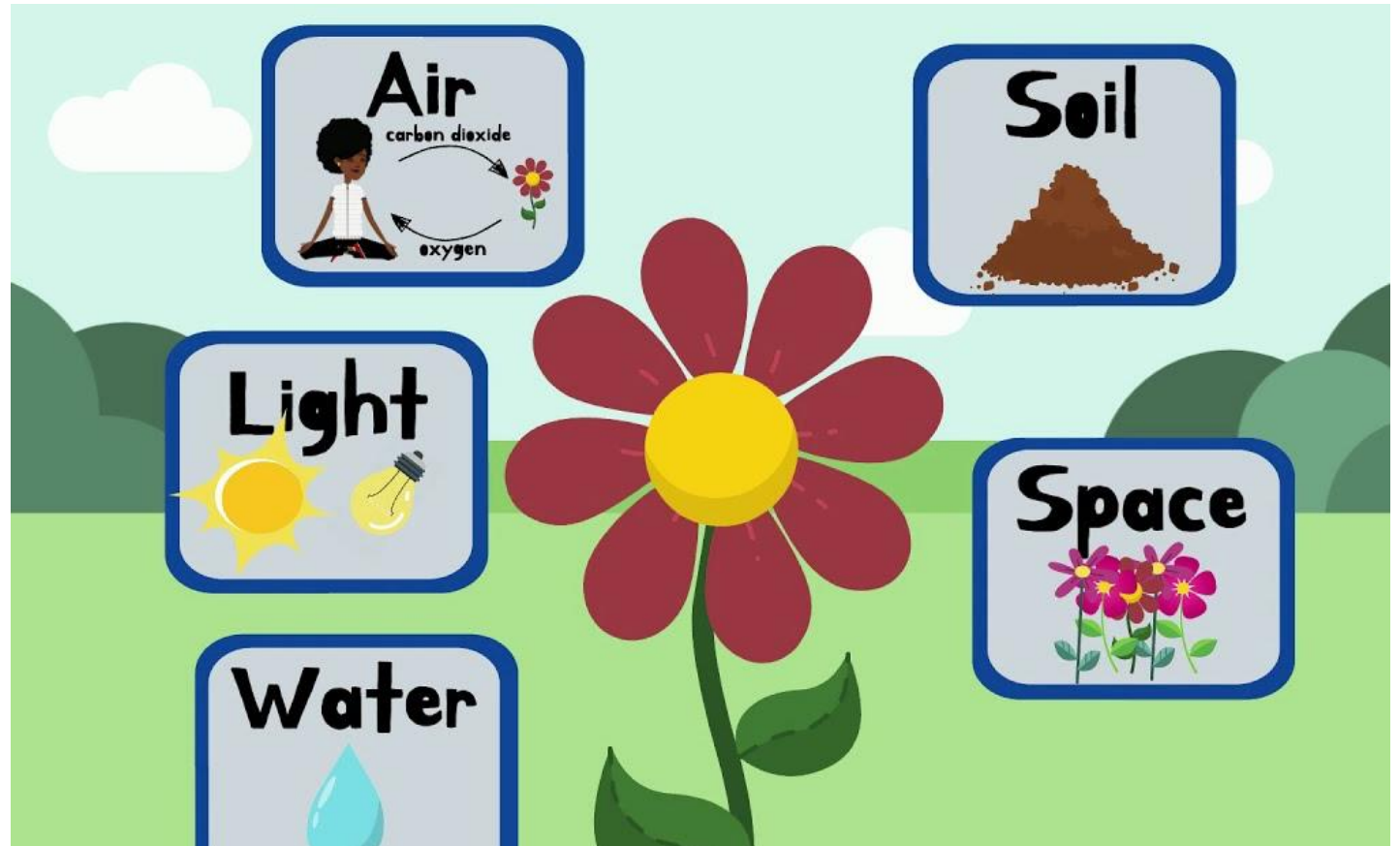
Pollination

When Birds, insects and wind carry pollen from the male to the female part of the flower

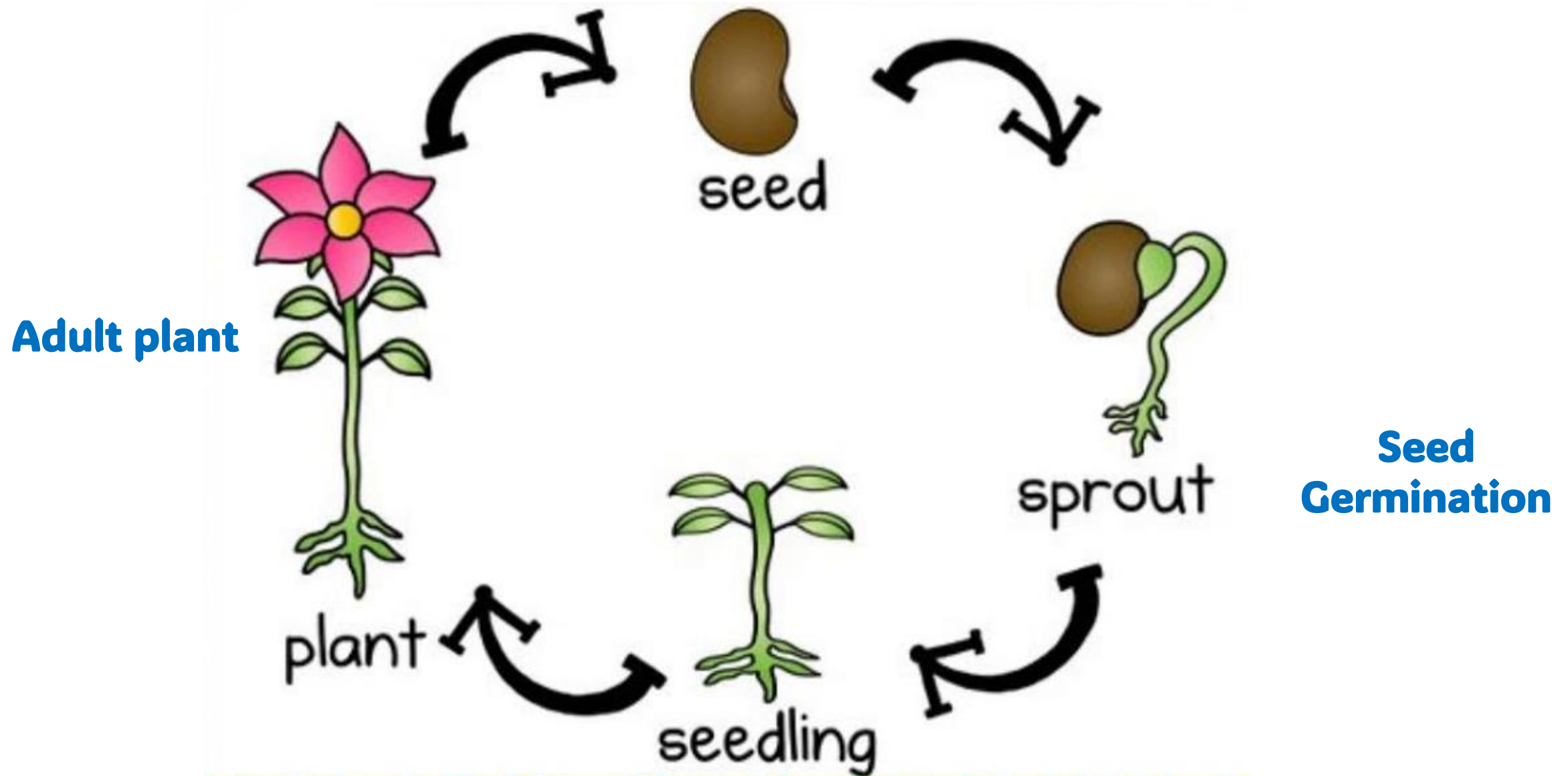
عملية التلقيح



What do
plants need
to grow?



Plant life cycle

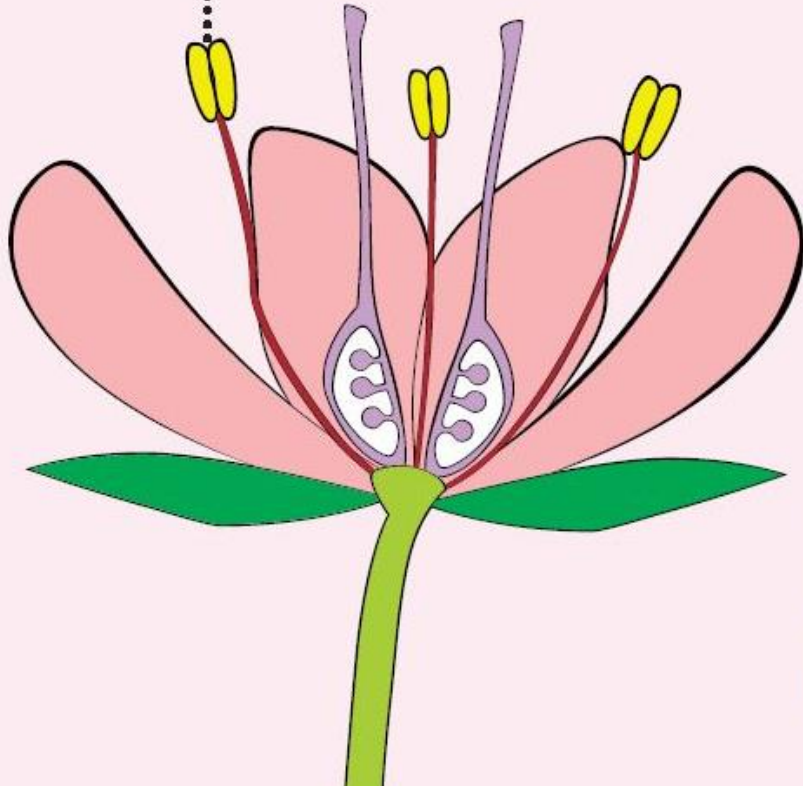


Pollination process in plants

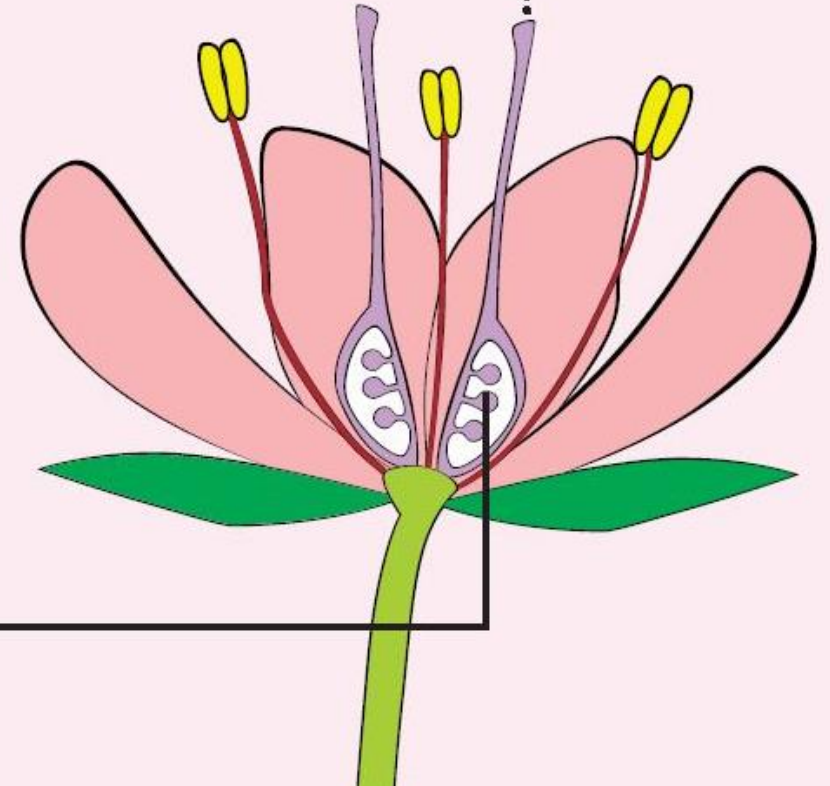


The pollinator collects **pollen** from the **stamen** of the first flower...

and desposits it on the **stigma** of the next flower

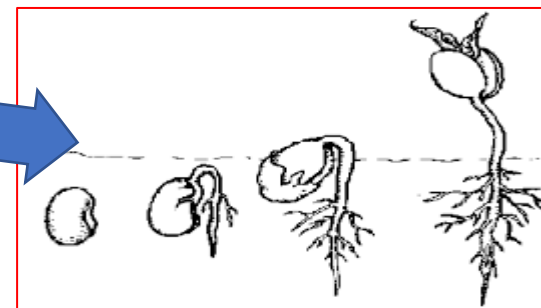
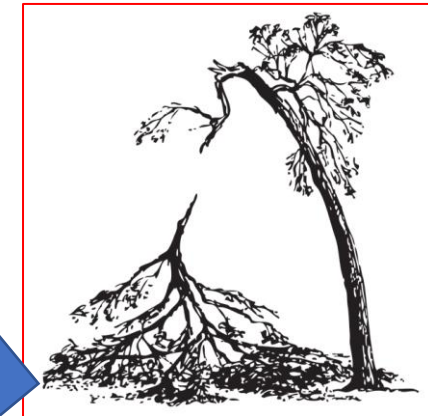
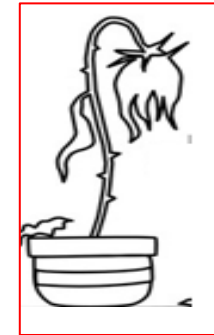
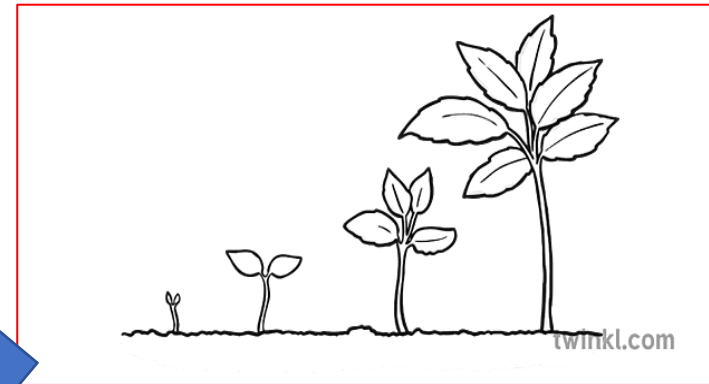


The pollen moves down the style to the **ovules** in the **ovary** and **fertilisation** occurs. This is where the **seed** develops.

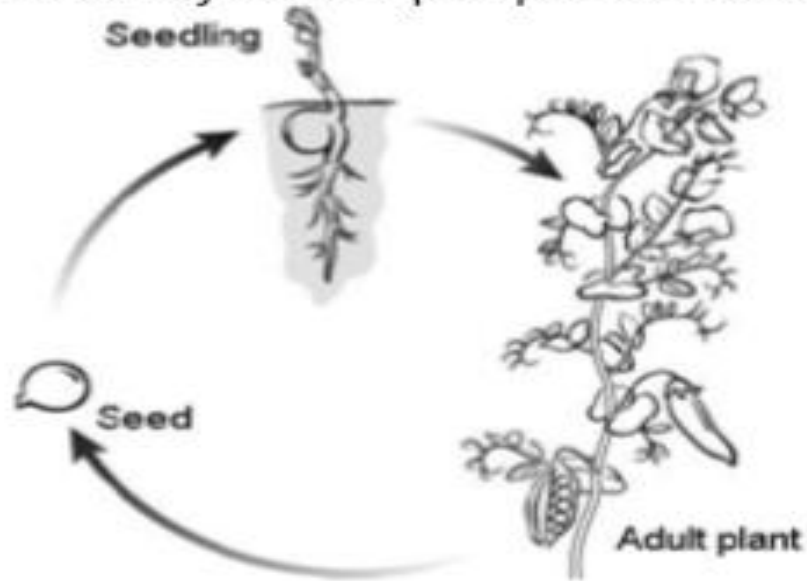


1) Which is not part of a plant's life cycle?

- ☐ growth
- ☐ death
- ☐ losing a branch in a storm
- ☐ germination



2) The life cycle of a pea plant is shown below.



Which of these sentences best describes the life cycle of a pea plant?

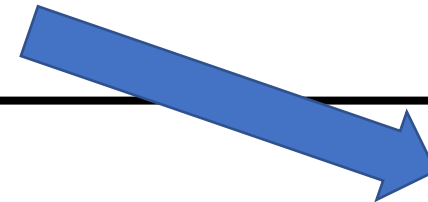
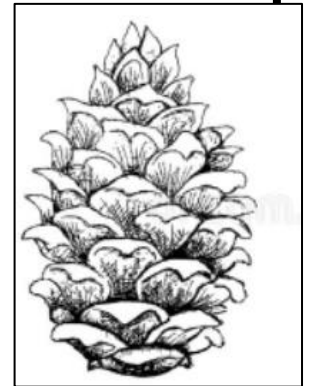
- ☐ A pea seed is very large.
- ☐ A pea plant lives for years.
- ☐ There are three stages in the life cycle of a pea plant.

3) A new plant grows from a _____.

- ☐ root
- ☐ petal
- ☐ stem
- ☐ seed

4) A plant can form seeds in a _____. Select **all** that apply.

- ☐ leaf
- ☐ cone
- ☐ stem
- ☐ flower



5) Which plant reproduce using cones?

- ☐ flowering plants
- ☐ conifers
- ☐ ferns
- ☐ potato



6) Which does the fruit of a flowering plant hold?

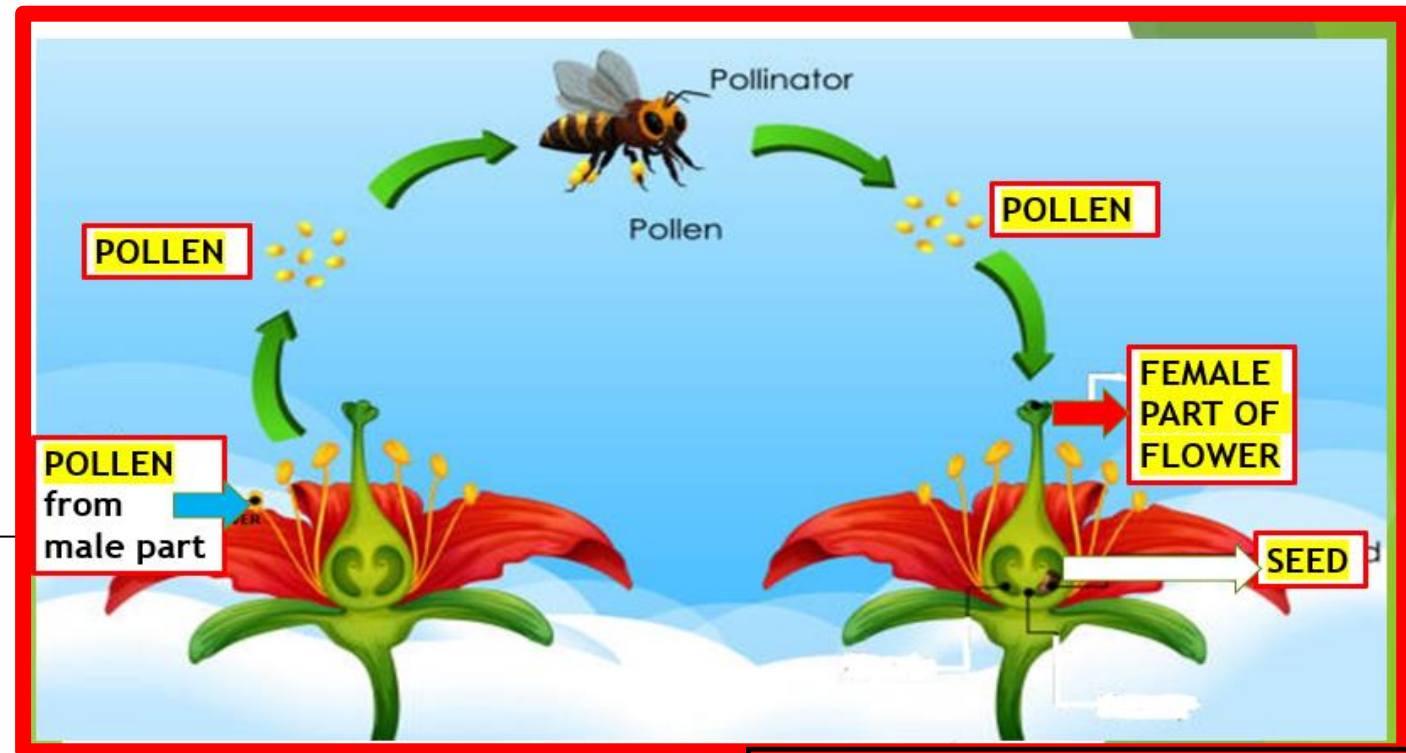
- ☐ cones
- ☐ pollen
- ☐ eggs
- ☐ seeds

9) Which does a seed need to germinate?

- ☐ freezing temperatures at night
- ☐ to be eaten by an animal
- ☐ water, nutrients, and the right temperature
- ☐ only water

10) Which is the movement of pollen from the male part of a flower to the female part?

- ☐ pollination
- ☐ seed formation
- ☐ germination
- ☐ life cycle



Lesson Check: Plant Life Cycles

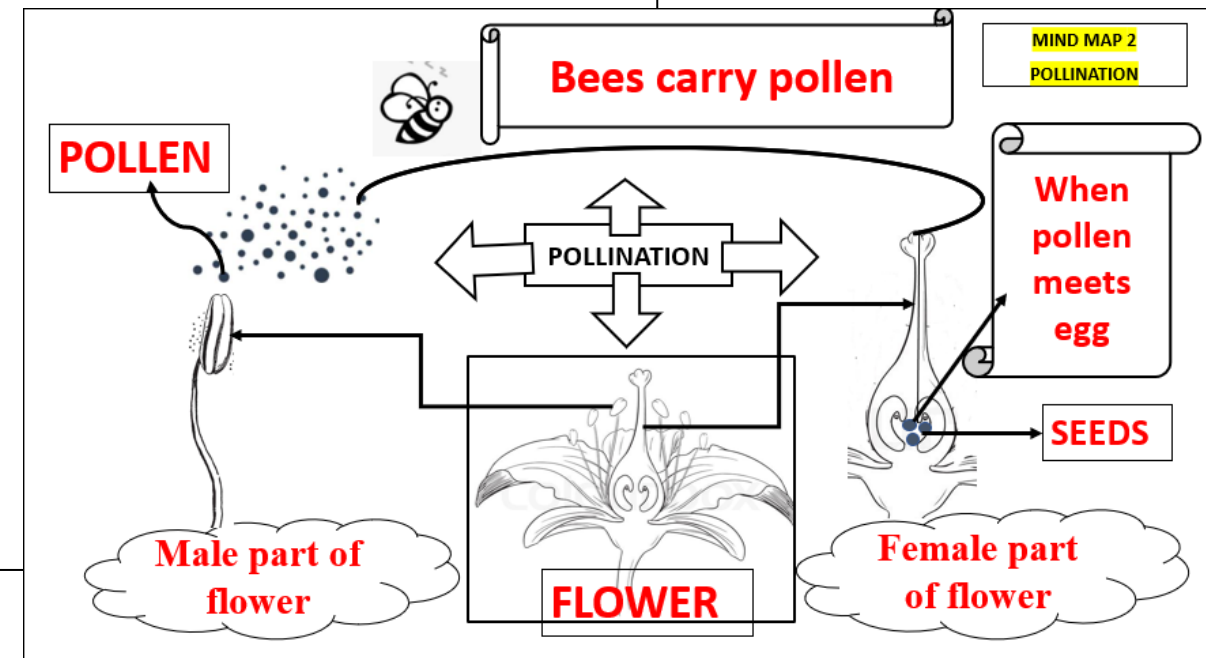
Fill in the blanks using the available answer choices.

_____ causes a new seed to be formed.

(Blank 1)

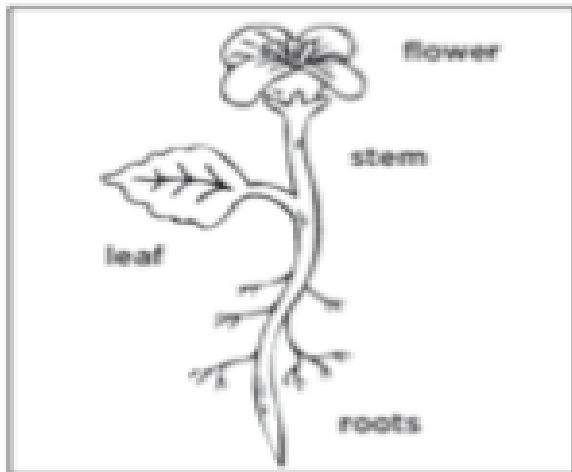
Blank 1 options

- Pollination
- Germination



Lesson Check: Plant Life Cycles

Many plants use _____ to make seeds.



- ☐ leaves
- ☐ flowers
- ☐ roots

Fill in the blanks using the available answer choices.

_____ will germinate and change into a young plants.

(Blank 1)

Blank 1 options

- Pollen
- Seeds

5) Fill in the blanks using the available answer choices.

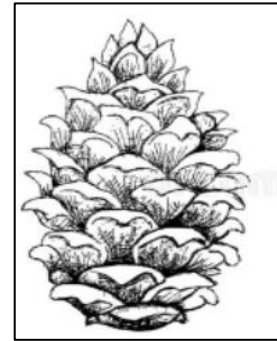
Each _____ can grow into a new plant.

(Blank 1)

Blank 1 options

- seed
- flower
- leaf

9) Name the two plant structures that can make seeds.



CONES



FLOWER

10) A ____ will germinate to grow into a young plant.

- ☐ seed
- ☐ leaf
- ☐ stem
- ☐ bud

11) Give an example of how a seed can get to the soil.

SEED DISPERSAL:

Seeds are carried away from parent plants by wind or animals



Blown by wind



Carried by birds



Fall to the ground

14) What three things does a seed planted in the soil need to germinate?

15) Which is the job of a flower?

- ☐ to make seeds
- ☐ to keep animals away
- ☐ to fertilize the ground
- ☐ to germinate