

# TOPIC CHECKERS:

# PLANTS SCIENCE

# REVIEW!

## Vocabulary

Write the definitions for these words:

pollen

---

---

---

---

---

---

---

---

seed dispersal

---

---

---

---

---

---

---

---

Match these words to their definitions.

photosynthesis

A green substance found in the leaves of a plant.

chlorophyll

The transfer of pollen from one plant to another to allow fertilization.

pollination

The process where a plant takes energy from sunlight in order to grow.

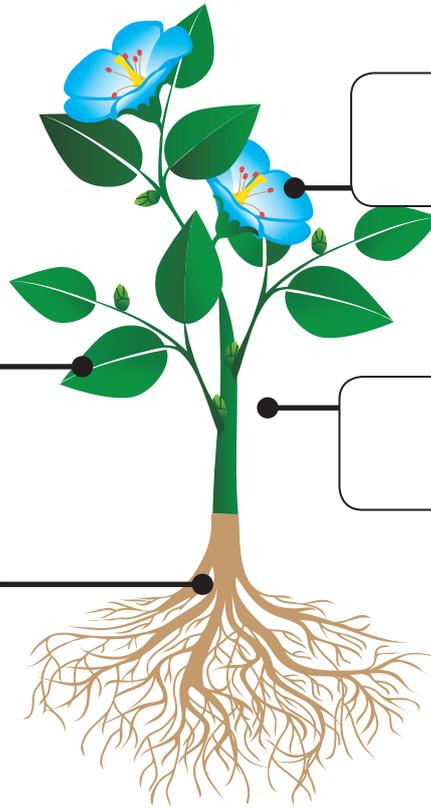
Which words are missing from these sentences?

A plant's roots take \_\_\_\_\_ from the soil.

A \_\_\_\_\_ is the part of a plant which can grow into a new plant.

# Vocabulary

Label the different parts of this plant.



Can you label these parts of this flower?

stigma

ovary

petal

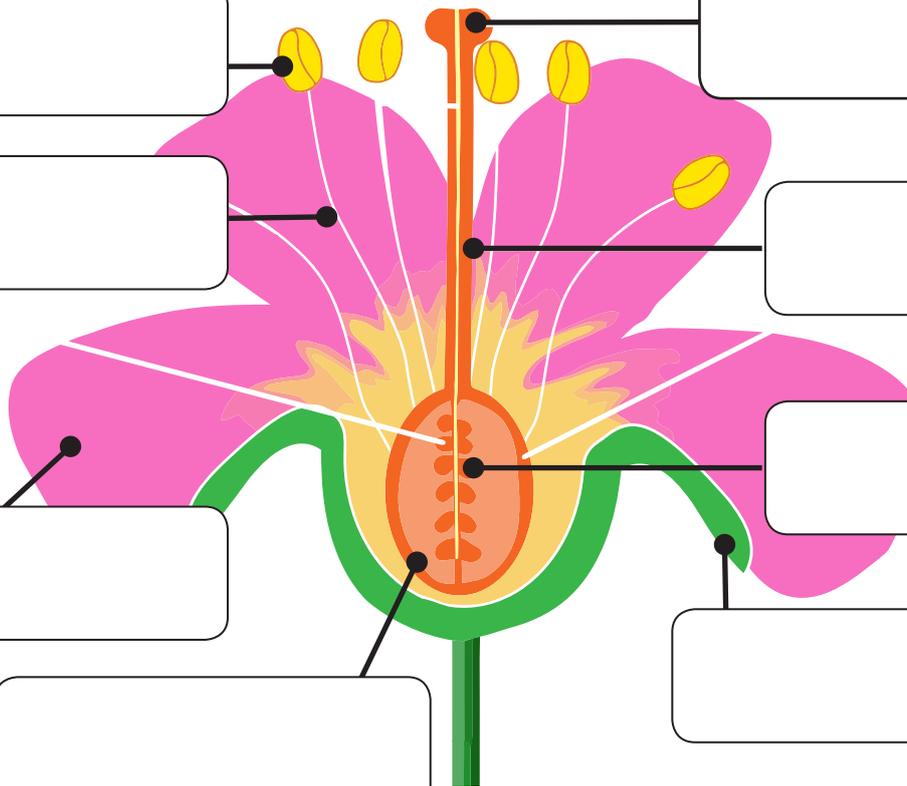
ovule

filament

anther

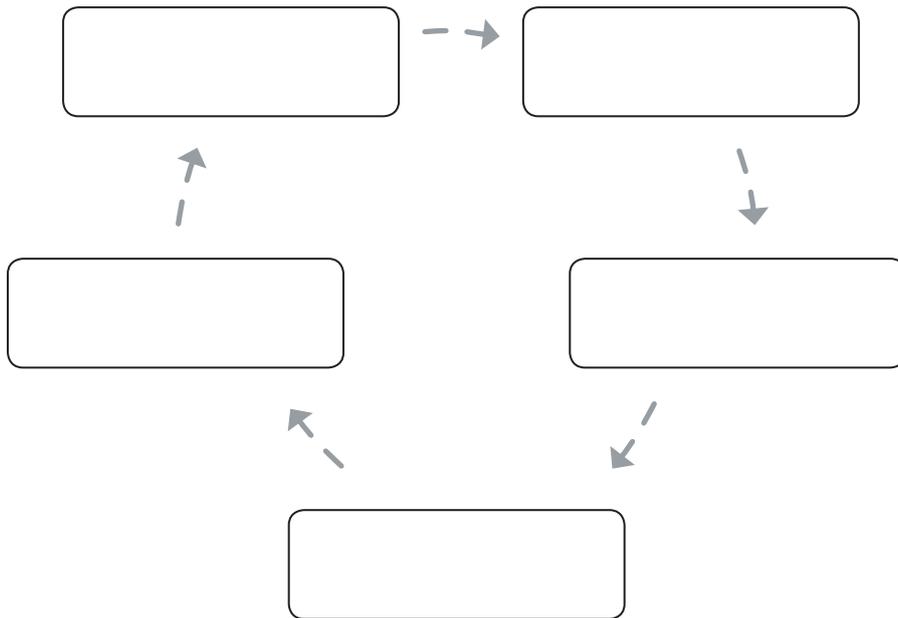
sepal

style



# Understand

Label the stages of this plant's life cycle.



fruit



seed



sprout



flower



tree

Which words are missing from these sentences?

A plant takes in water through its \_\_\_\_\_ . Water travels through its \_\_\_\_\_ and out through its \_\_\_\_\_ .

To stay healthy, a plant needs to take in \_\_\_\_\_ and \_\_\_\_\_ from the soil.

What things do all plants need for healthy growth?

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

True or false?

True      False

Plant seeds come from fruits and flowers.

Animals can help spread seeds.

All plants have flowers.

## Explain

Describe two jobs that a plant's roots do.

1.

---

---

---

2.

---

---

---

Explain the job that a plant's flowers do.

---

---

---

---

---

---

*Alan wants to test if plants grow better when they are warmer. He has placed one plant outside in the garden and the other in a fridge. Explain why this is not a fair test.*

---

---

---

---

---

---

---

---

---

---

*John has placed the roots of a flower into water containing blue food colouring. The flower's petals have now turned blue. What does this demonstrate?*

---

---

---

---

---

---

---

---

**What is germination?**

---

---

---

---

---

---

---

---

---

---

Different plants have different ways of dispersing their seeds. Why do plant seeds need to be carried away from the plant?

---

---

---

---

---

---

---

---

## Prediction

Tanuj has a cactus and a flower. To test if plants need water, he has stopped watering them. What do you think he will notice? Give reasons for your answer.

---

---

---

---

---

---

---

---

---

---

---

---

Polly is planting seeds in the garden. She plants them in the shade. Will this affect the plant growth? If so, how?

---

---

---

---

---

---

---

---

---

---

---

---

## What happened?

Class 3 has a plant which sits on the window ledge in sunlight. The leaves have started to wilt and lose colour. What might have caused this?

---

---

---

---

---

---

---

---

---

---

Ken has been growing tomatoes. He has decided to move them into new plant pots. Why might this be?

---

---

---

---

---

---

---

---

---

---