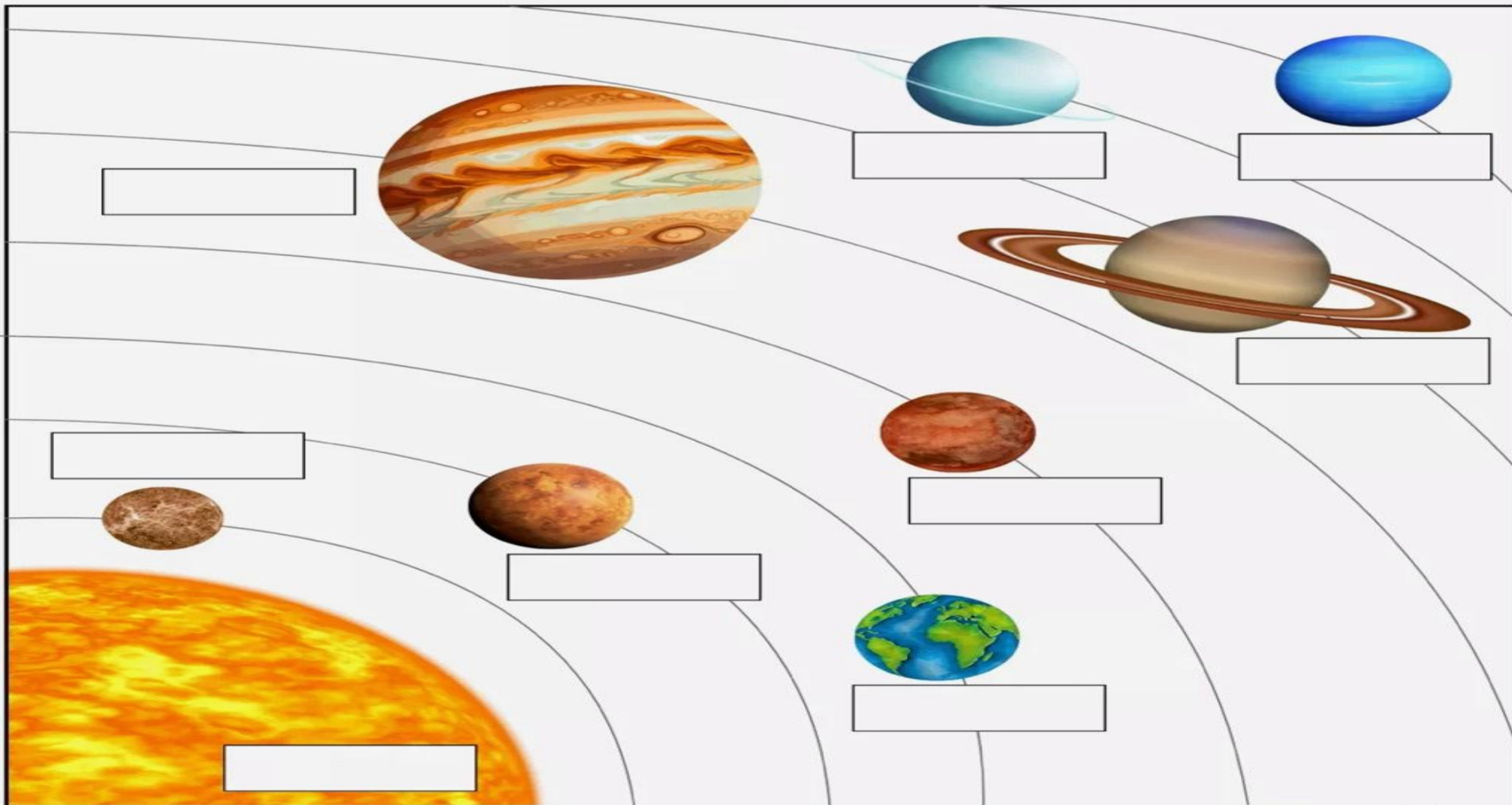


The background features vertical stripes in purple, yellow, green, and pink. Scattered throughout are pink stars and small white circles. A blue ribbon banner is positioned above a large, yellow, cloud-like shape with a pink border. Inside the cloud are several small hearts in green, purple, blue, and pink.

Alavi

Answer the questions carefully.

Write the name of each planet.



Match the pictures to their names.

lever

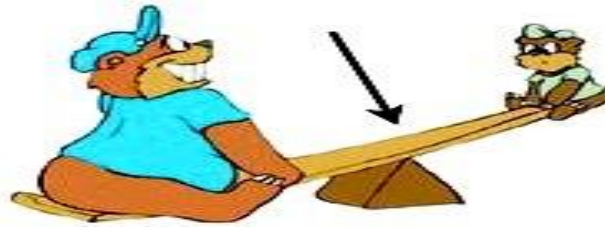
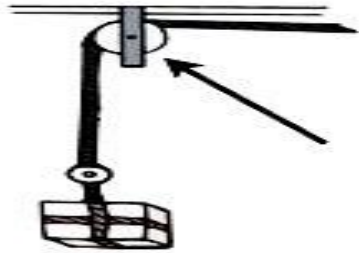
wheel & axle

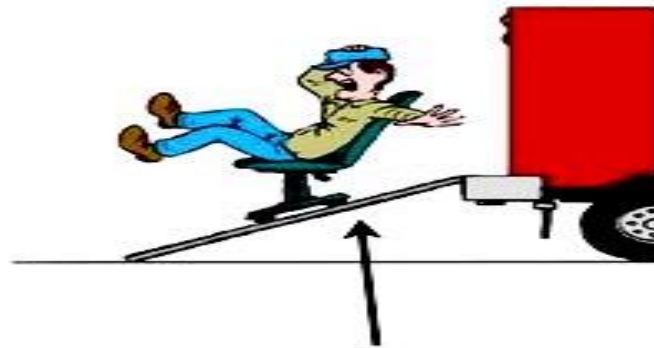
wedge

inclined plane

pulley

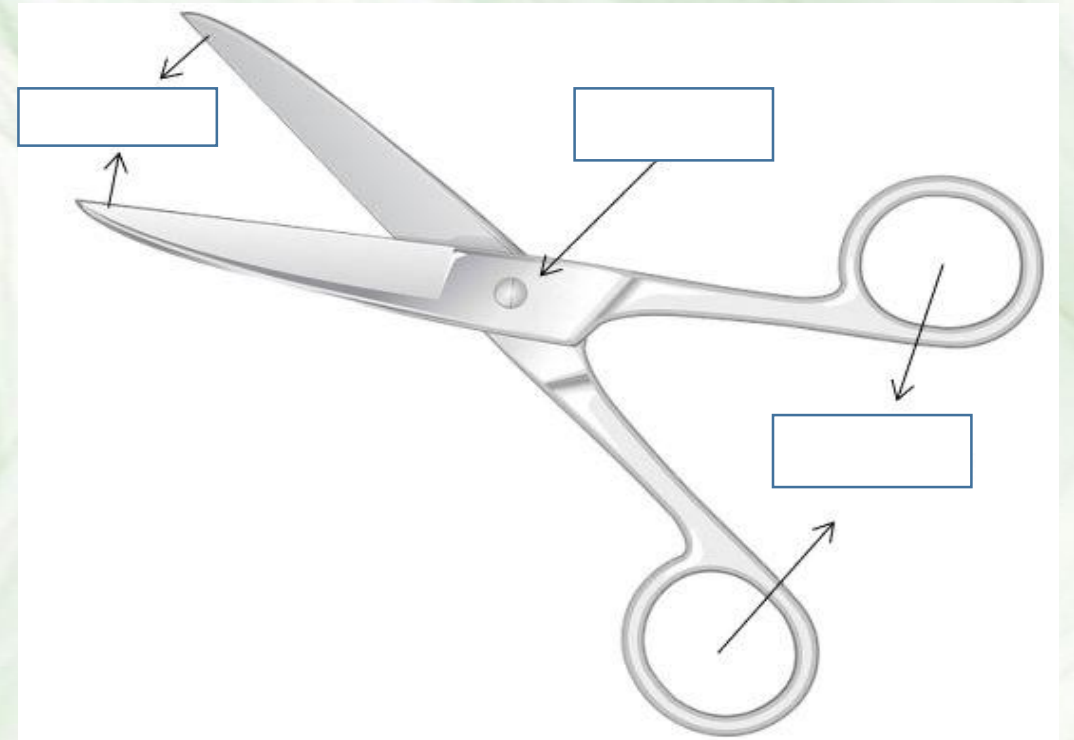
screw





Fill the blanks with the following words.

Fulcrum / load / effort



Name each part correctly.



Look at the words and match them to the correct part.

stamen

stigma

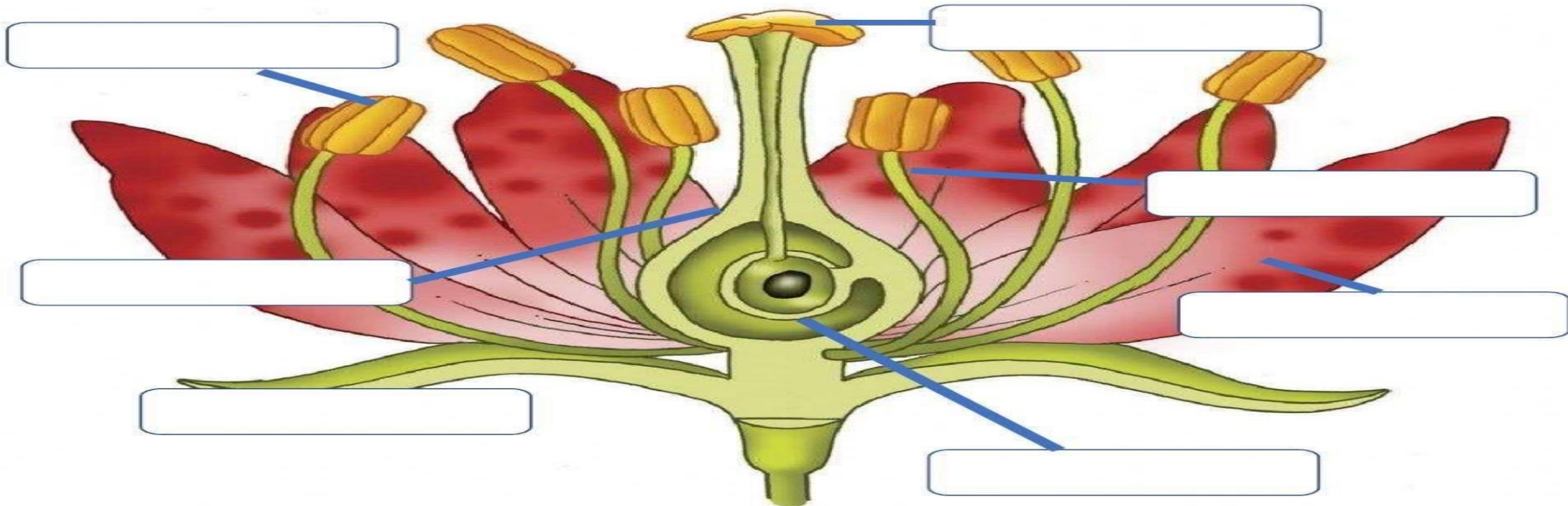
anther

carpel

ovary

sepal

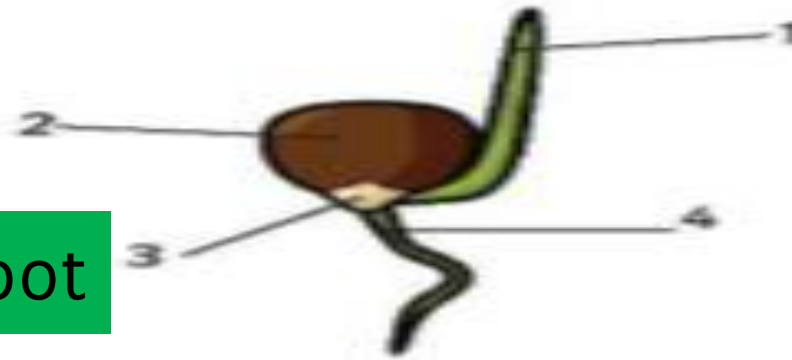
petal



Here is a picture of a germinating seed. Write down the names of parts 1 to 4.

seed

The first root



The first shoot

The root grows down into the soil.

Match the words in column A with their meanings in column B.

column A

1	seed
2	embryo
3	seed coat
4	germinate
5	environment

column B

A	the outer cover that protects the seed
B	when a seed starts to grow
C	everything around us
D	part of plant that can grow into a new plant
E	part of a seed that grows into a new plant

Inspre

*** 6.3. What do plants need to grow?**

Plants need certain things from the environment to help them grow. We call these things **factors**. Without these factors, plants will not grow well, or they might even die. Look at these pictures. Which plant is healthy and growing well?



Write down the things that plants need to grow.
Fill in the gaps using words from the box.

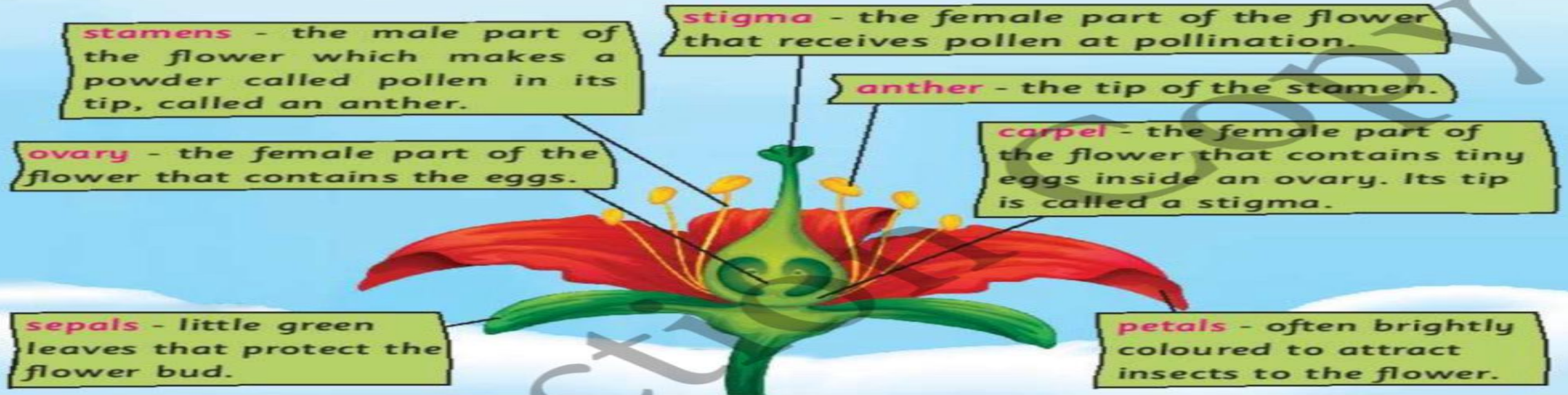
light water air warmth factors

- a) We call the things that plants need to grow **factors**.....
- b) Plants need **light**..... so they can make food to help them grow.
- c) Plants need **air**..... to give them strong stems and firm leaves.
- d) Plants need **warmth**..... but they grow best when it is not too cold or too hot.
- e) Plants need **water**..... because they are living things.

 The factors plants need are light energy, air, water and warmth.

* 7.3. The parts of a flower

Flowers have several main parts. These parts are arranged in rings, one inside the other.



Use the words in the box to fill in the spaces below.

stigma

sepals

ovary

petals

anthers

stamens

The **sepals** are little green leaves that protect the flower bud. The **petal** often have bright colours to attract insects. The male parts of the flower are the **stamens** They make pollen in their tips, called **anther** The female part of the flower is made up of the **stigma** , which collects pollen, and the **ovary** , which contains the eggs.

Follow the clues to complete the crossword puzzle on plant life cycles.

Choose your answers from the words in the box.

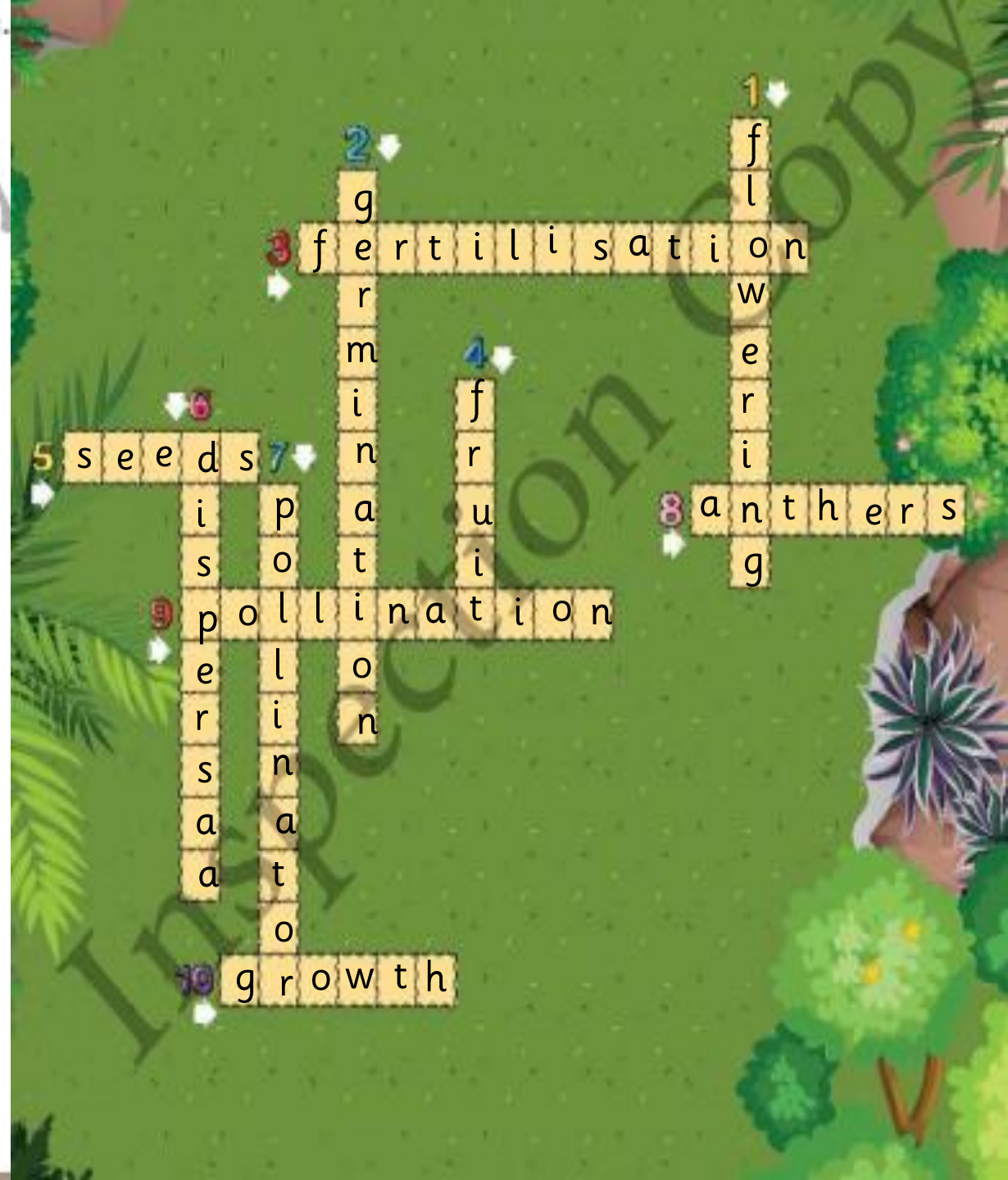
germination	seeds	fruit	flowering
pollinator	pollination	dispersal	fertilisation
	anthers	growth	

Across

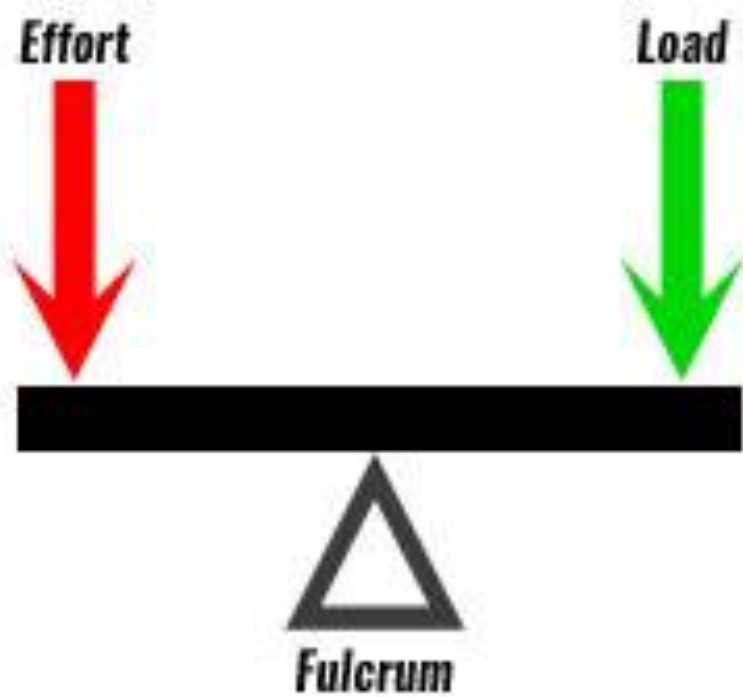
- 3) This happens when the plant is ready to reproduce.
- 5) They form from the fertilised egg.
- 8) They produce pollen.
- 9) This happens when the pollen lands on the stigma.
- 10) The way a young plant gets bigger.

Down

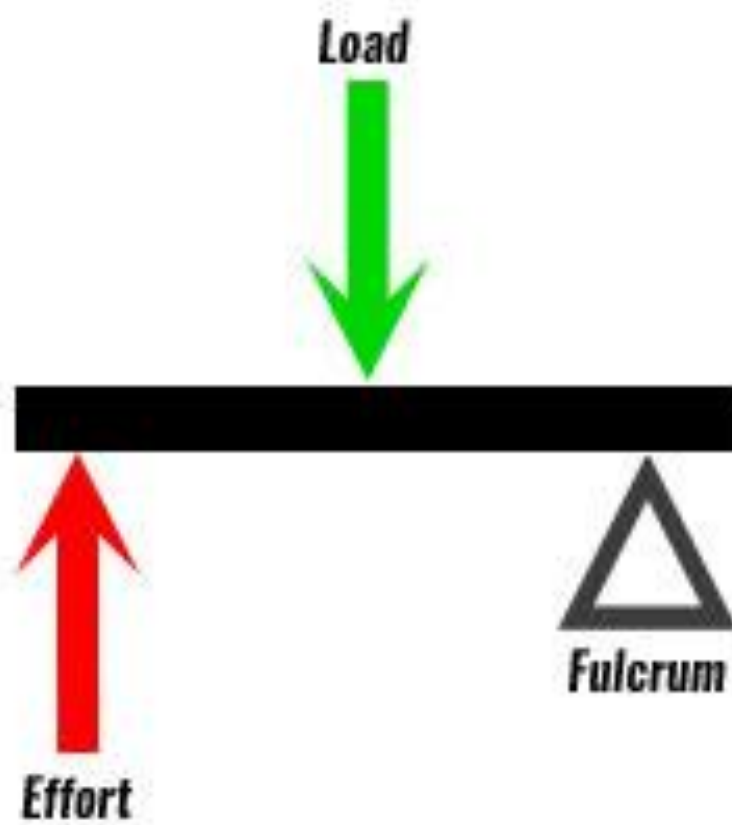
- 1) This happens when the plant is ready to reproduce.
- 2) This happens when the seed starts to grow.
- 4) It contains the seeds.
- 6) The process by which seeds are spread.
- 7) It carries pollen from flower to flower.



1st Class Lever



2nd Class Lever



3rd Class Lever

