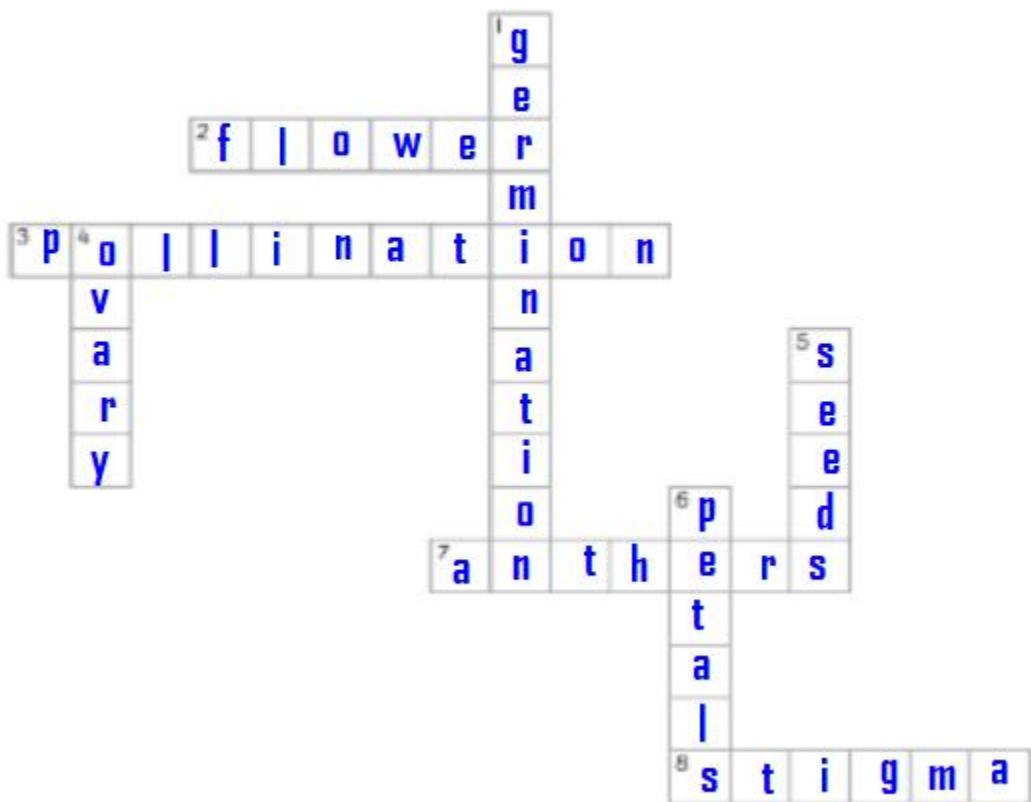


WORD WHIZZ

Complete the crossword puzzle using the given clues.



Let's Map It!

Fill in the blanks. Use the following words.

anther carpel dispersed fertilisation flowering
flowers germination life cycle ovary
petals pollination stamen stigma

Plants are classified as **flowering** and non-flowering.

flowers are the reproductive parts of a plant.

The **petals** enclose the male and female parts of the flower.

Flowering plants go through various stages of growth and development. This is called a **life cycle**.

The **anther** contains pollens.

The **stamen** contains the male parts of the flower.

Pollen grains are transferred from the anther to the stigma in a process called **pollination**.

The filament supports the anther.

The **stigma** receives the pollen grains.

The **carpel** contains the female parts of the flower.

Seeds and fruits start to develop after **fertilisation**.

The **ovary** contains ovules that develop into seeds.

Seeds are **dispersed** by wind, animal, water or explosion.

Seeds need air, water and a suitable temperature for **germination**.

Let's Review



- 1 Circle the correct group that shows the parts of a flower.

anther, stem, ovary

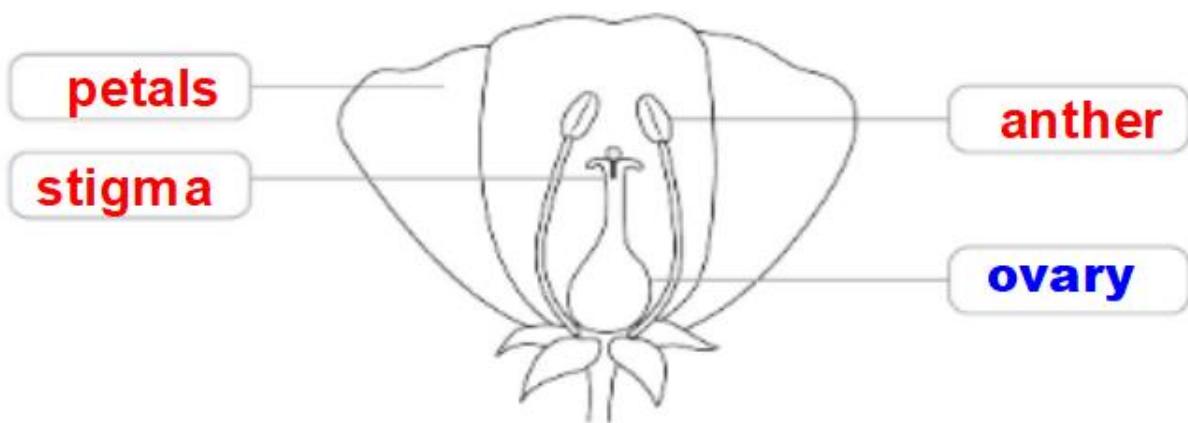
anther, stigma, root

petal, anther, stigma

petal, root, ovary

- 2 The diagram below shows a flower.

- a Label the parts of the flower.



- b What happens during pollination?

The pollen is transferred from anther to stigma of the same flower or different flower.

- 3 Write the correct seed dispersal method for each picture. Choose from the following words.

animal

explosion

water

wind



helicopter seeds



lady's fingers

wind

explosion



berries

animals



lotus seeds

water

- 4 In which of the following scenarios will the seeds germinate?
Tick (✓) the correct answer.

Matt wraps some seeds in dry cotton wool. He keeps the cotton wool on his table for a week.

Erica wraps some seeds in dry cotton wool. She sprinkles some water on the cotton wool once a day. She keeps the cotton wool on her table for a week.

Lee wraps some seeds in moist cotton wool. She keeps the cotton wool in the refrigerator for a week.