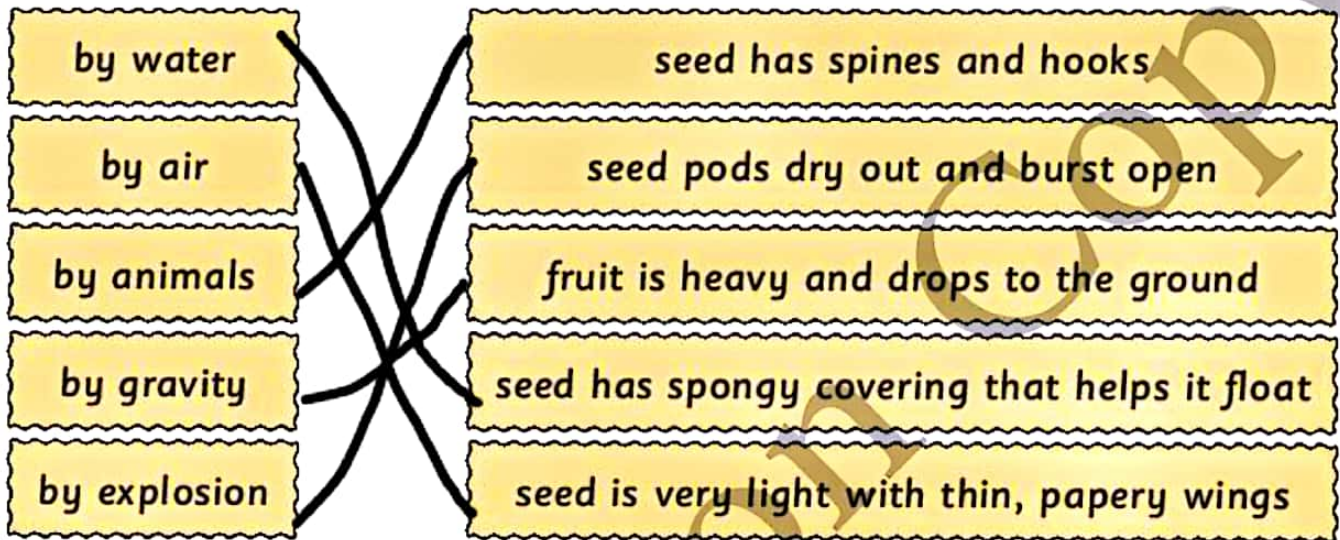






Science
Chapter 7:
The Life Cycle of Flowering Plants

Explain how seeds suit the way they are spread.

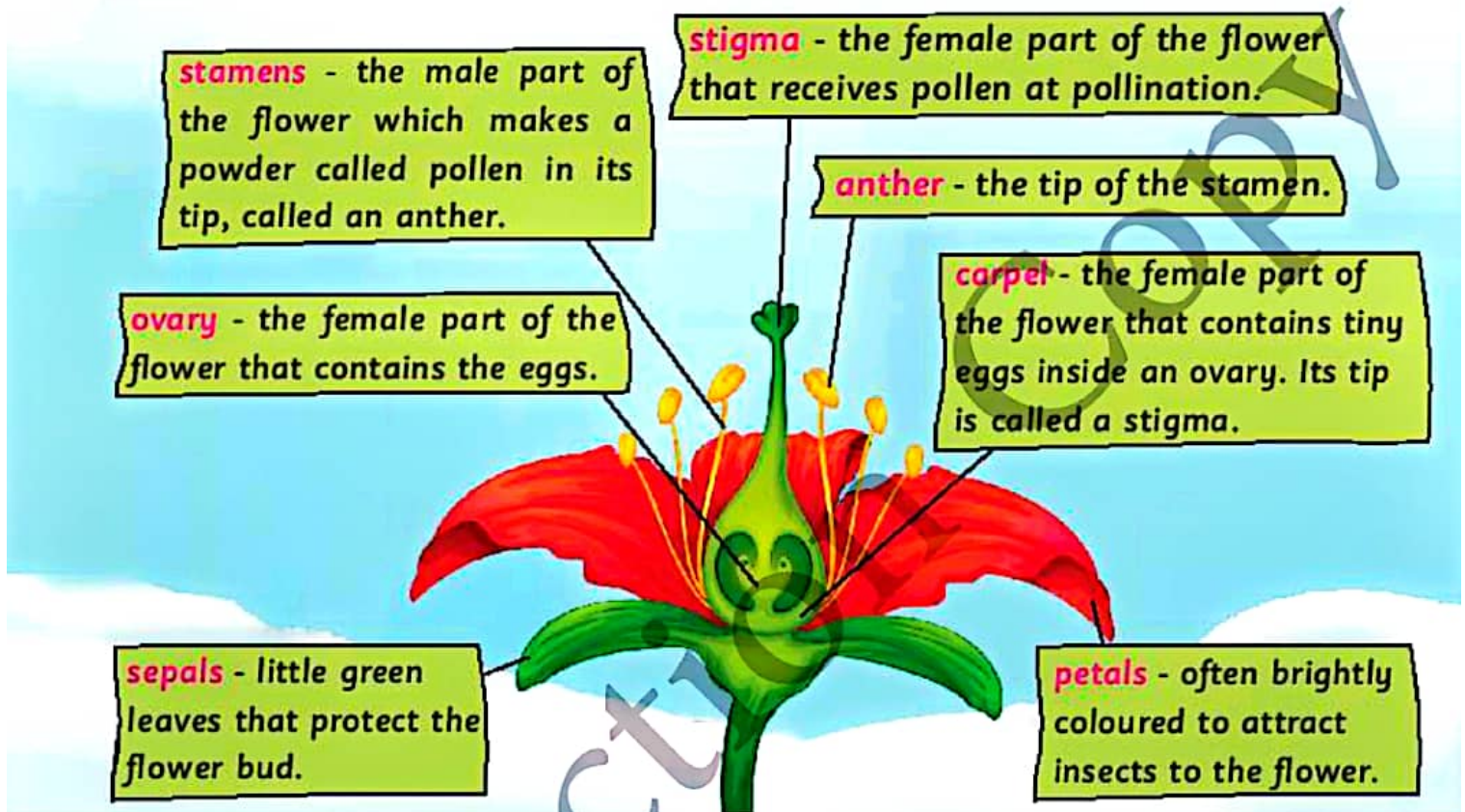
Match the way seeds and fruit are spread to the description of the seed. Draw a line from the first column to the correct answer in the second column.



-  A fruit protects the seeds inside it and helps to spread the seeds.
-  Seeds must be dispersed so they have enough space, water and light to grow into new plants.
-  Seeds can be dispersed in different ways.
-  Animals disperse seeds in their droppings, by carrying seeds on their fur and by burying them.

* 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

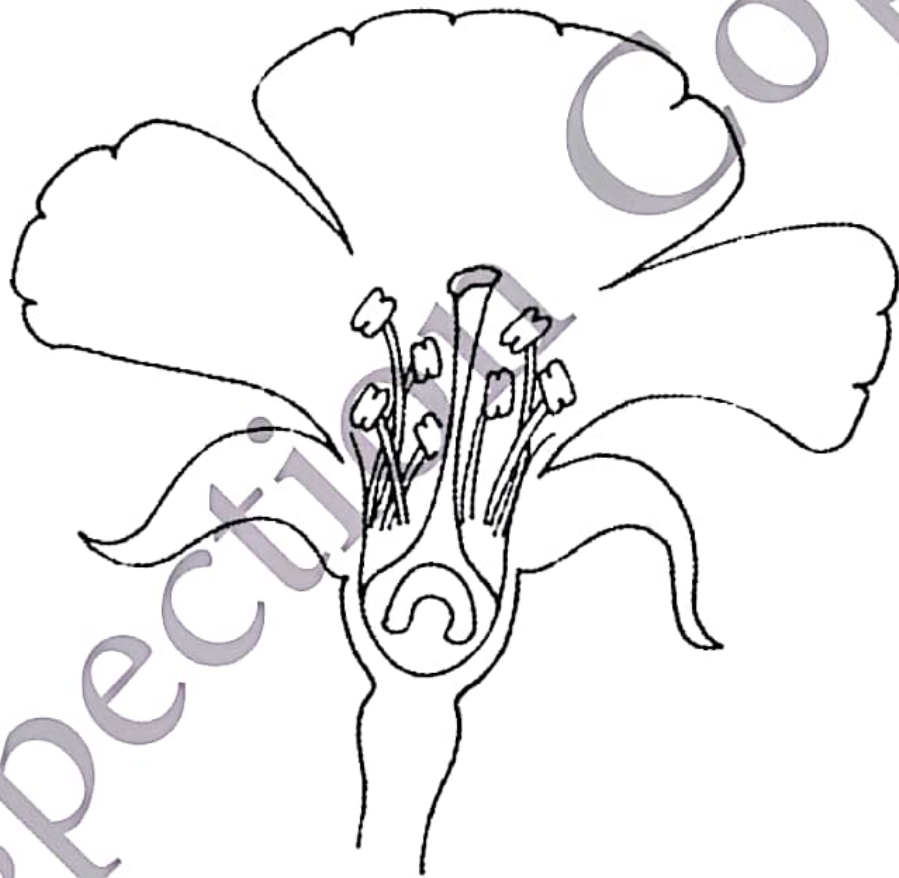
The **sepals** are little green leaves that protect the flower bud. The **petals** often have bright colours to attract insects. The male parts of the flower are the **stamens**. They make pollen in their tips, called **anther**. The female part of the flower is made up of the **stigma**, which collects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


Identify and describe parts of a flower

Colour in the different parts of the flower.

Use these colours:

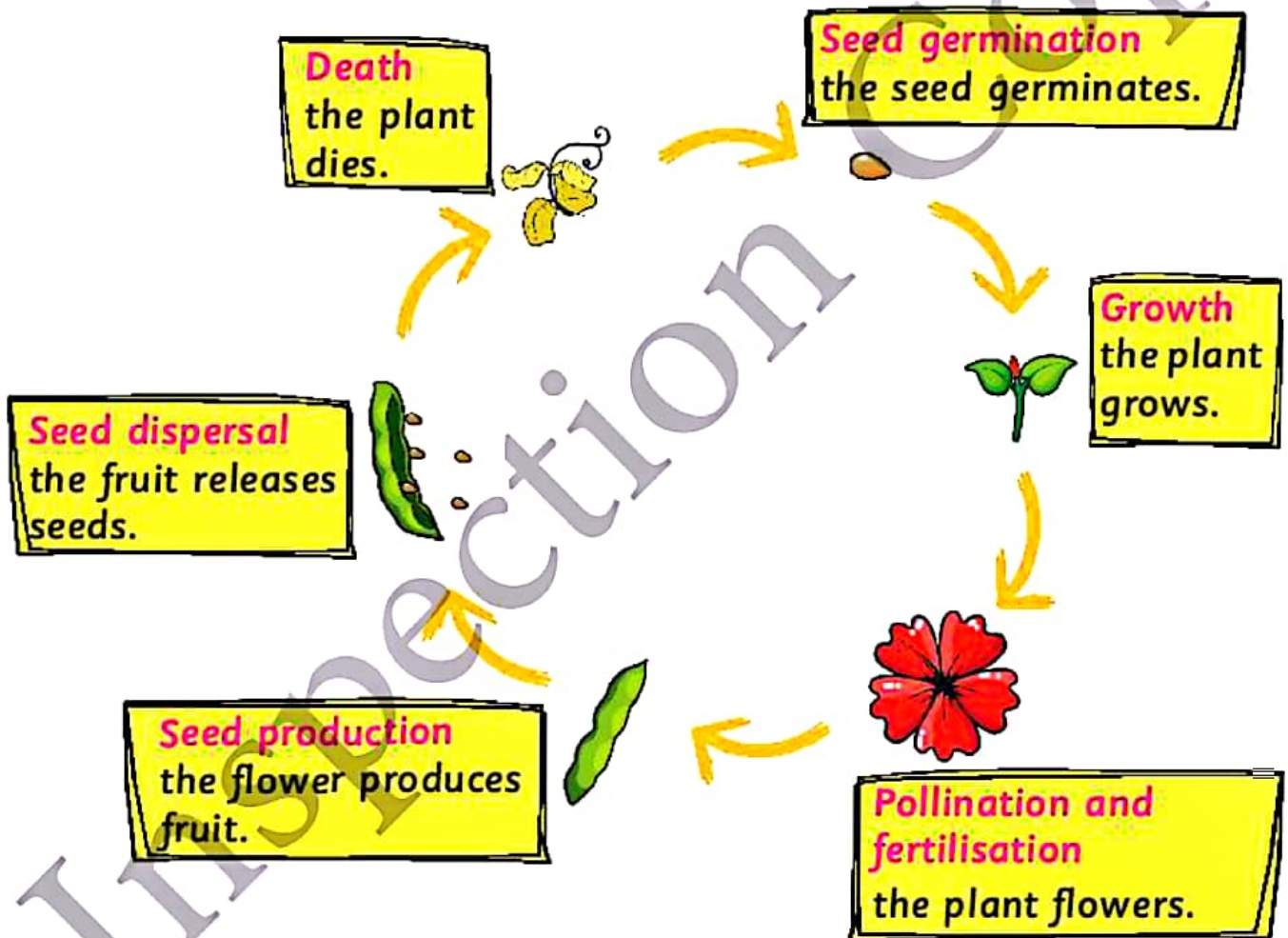
1. sepals
2. petals
3. anther
4. stamen
5. stigma
6. ovary

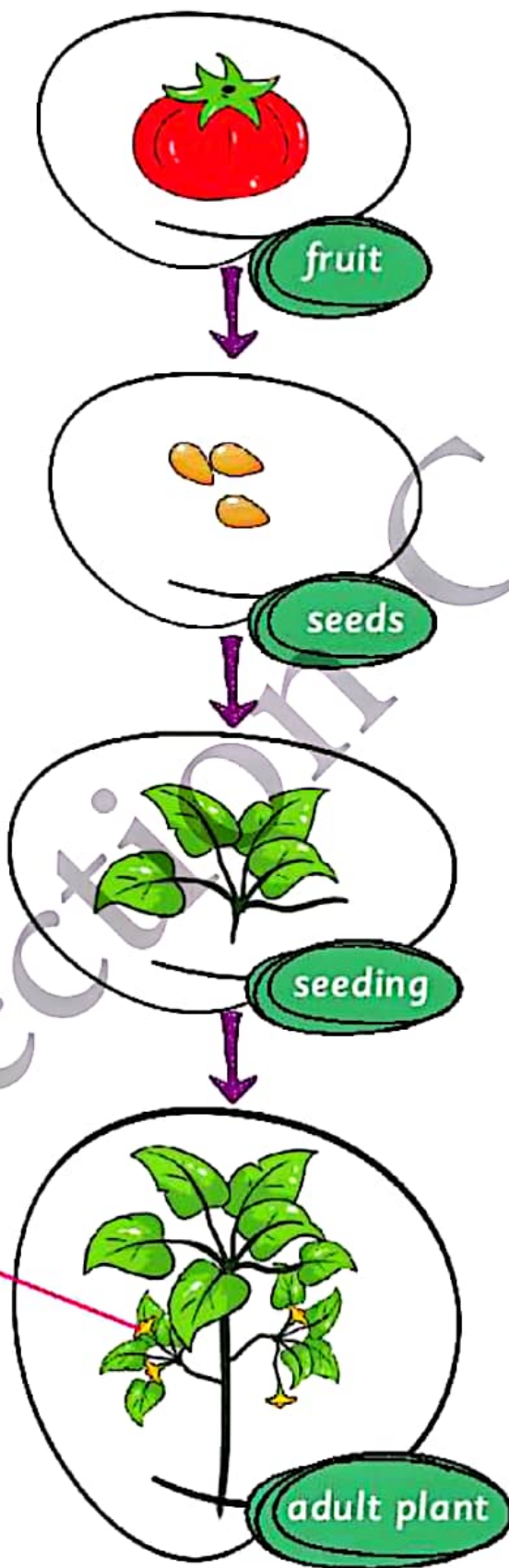


 Flowers have four main parts: green sepals protect the flower bud, coloured petals attract insects, male stamens make pollen and the female carpel contains eggs.

* 7.4. A plant's life cycle

Think about all the changes in a plant's life, from a germinating seed until it develops into a grown plant and forms its own seeds. All these changes are called the plant's life cycle. Some plants die after they have made their seeds. Other plants flower and make seeds every year.





Primary Science

Complete a crossword puzzle.

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

Choose your answers from the words in the box.

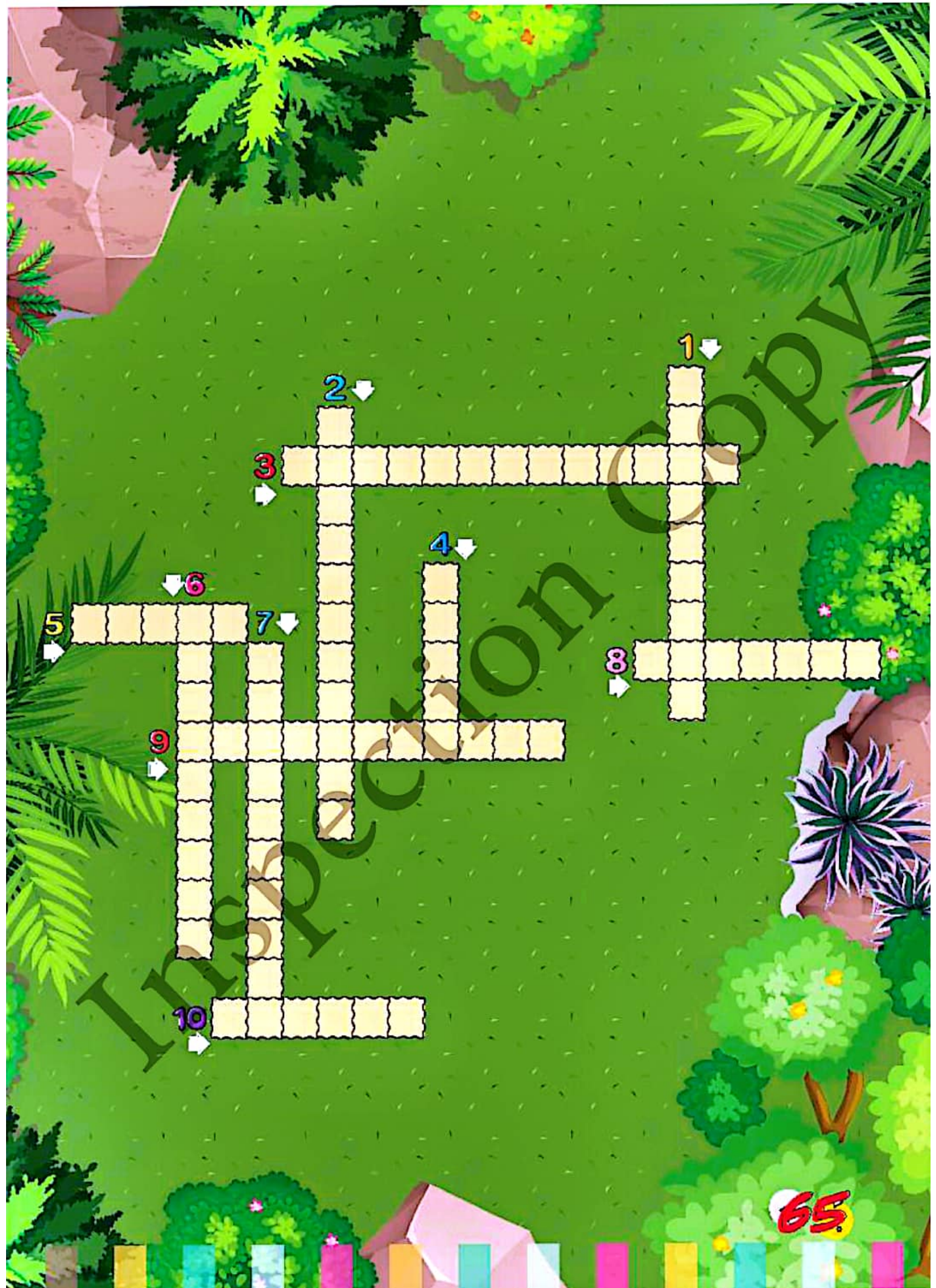
germination	seeds	fruit	flowering
pollinator	pollination	dispersal	fertilisation
	anthers	growth	

Across

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

Down

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



Alavi

Name:

Level:

No:

Science_Chapter 7_The life cycle of flower plants:

1.How seeds are spread:

-Explosion

-Air

-Animal

-Water

2.A plant's life cycle:

-Seed germination(the seed germinates.)

-Growth(the plant grows.)

-Pollination and fertilization(the plant flowers.)

-Seed production(the flower produces fruit.)

-Seed dispersal(the fruit releases seeds.)

-Death(the plant dies.)

Teacher's name: