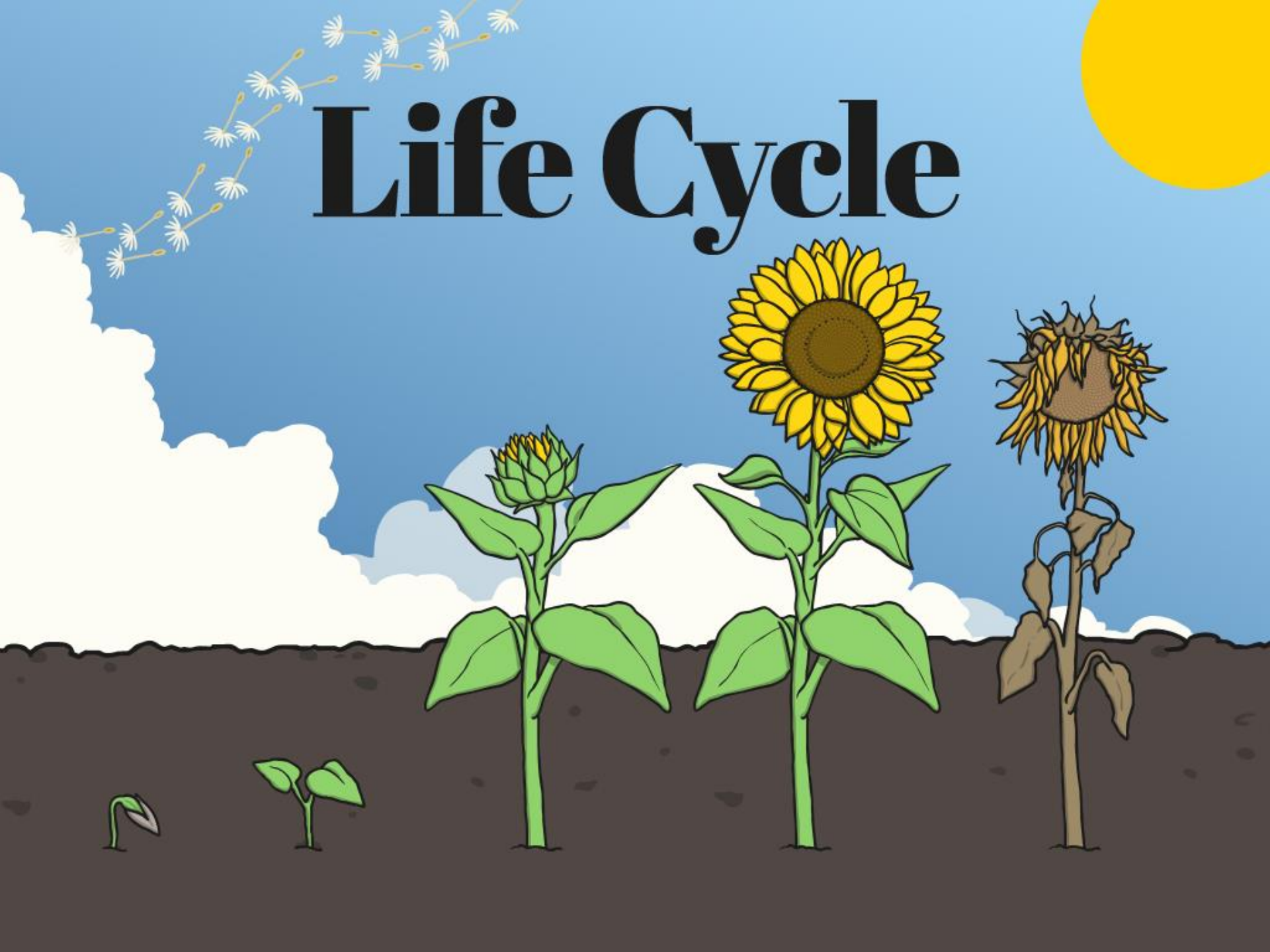


Life Cycle



Life Cycle of a Flowering Plant

The life cycle of a flowering plant shows the changes that happen to the plant over the course of its lifetime.

The main stages of the life cycle of a flowering plant are:

1

Germination

2

**Growing
and
flowering**

3

Pollination

4

**Fertilisation
and seed
formation**

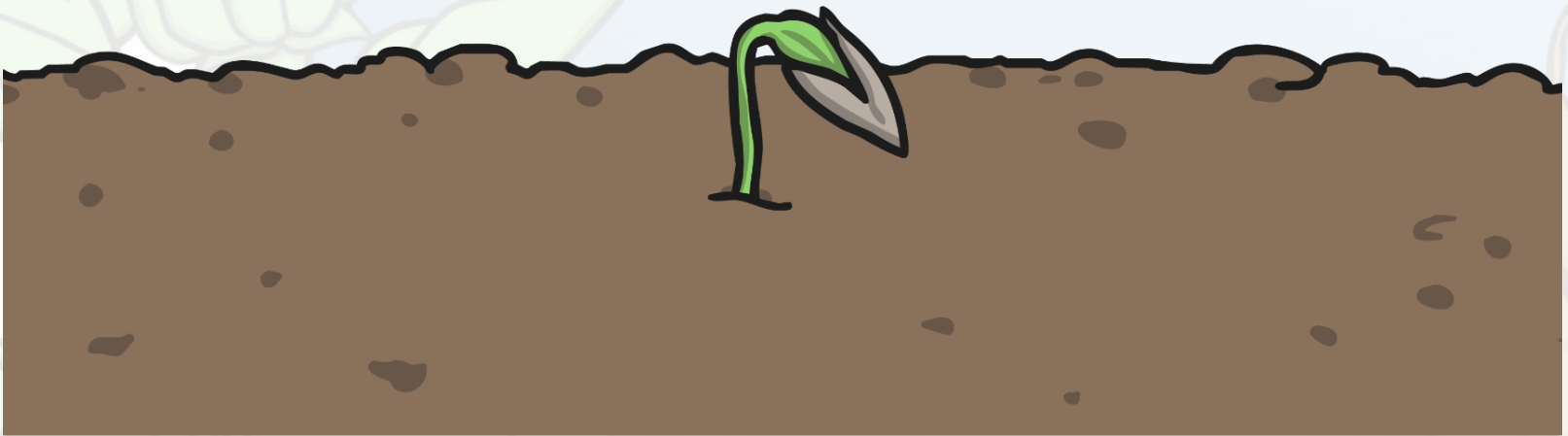
5

**Seed
dispersal**

Let's remind ourselves what happens at each stage!

Germination

Germination is when a seed begins to grow.



Growing and Flowering

Once the seed has germinated the plant grows bigger and then forms flowers.



Pollination

Pollination occurs when pollen from the anther is transferred to the stigma, often by an insect.



Fertilisation and Seed Formation

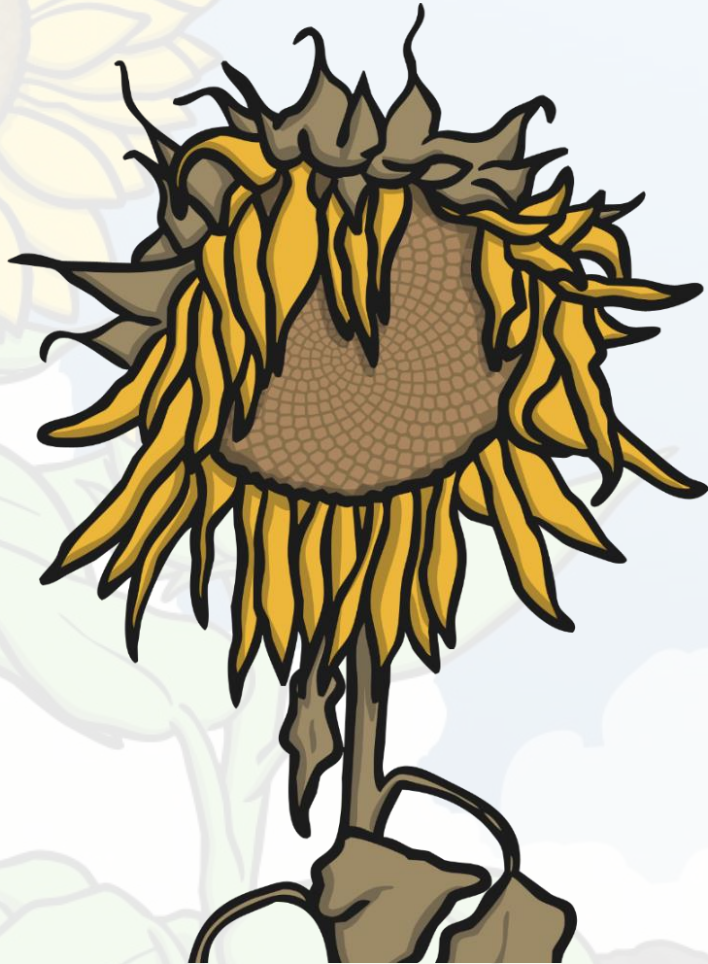


Fertilisation happens when the pollen travels from the stigma down the style to the ovary.

The pollen joins with an ovule to form a seed.
The seed forms inside the ovary.



Seed Dispersal



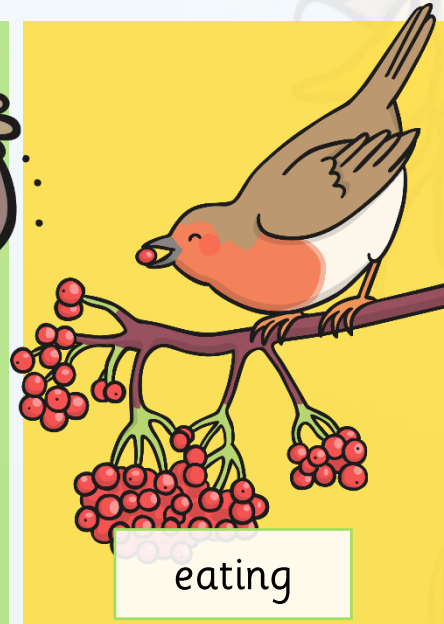
Once the seeds are fully formed, the plant needs to disperse them.

This means that the plant needs to move or transport the seeds away from the parent plant in some way so that they don't all try to grow in the same place.

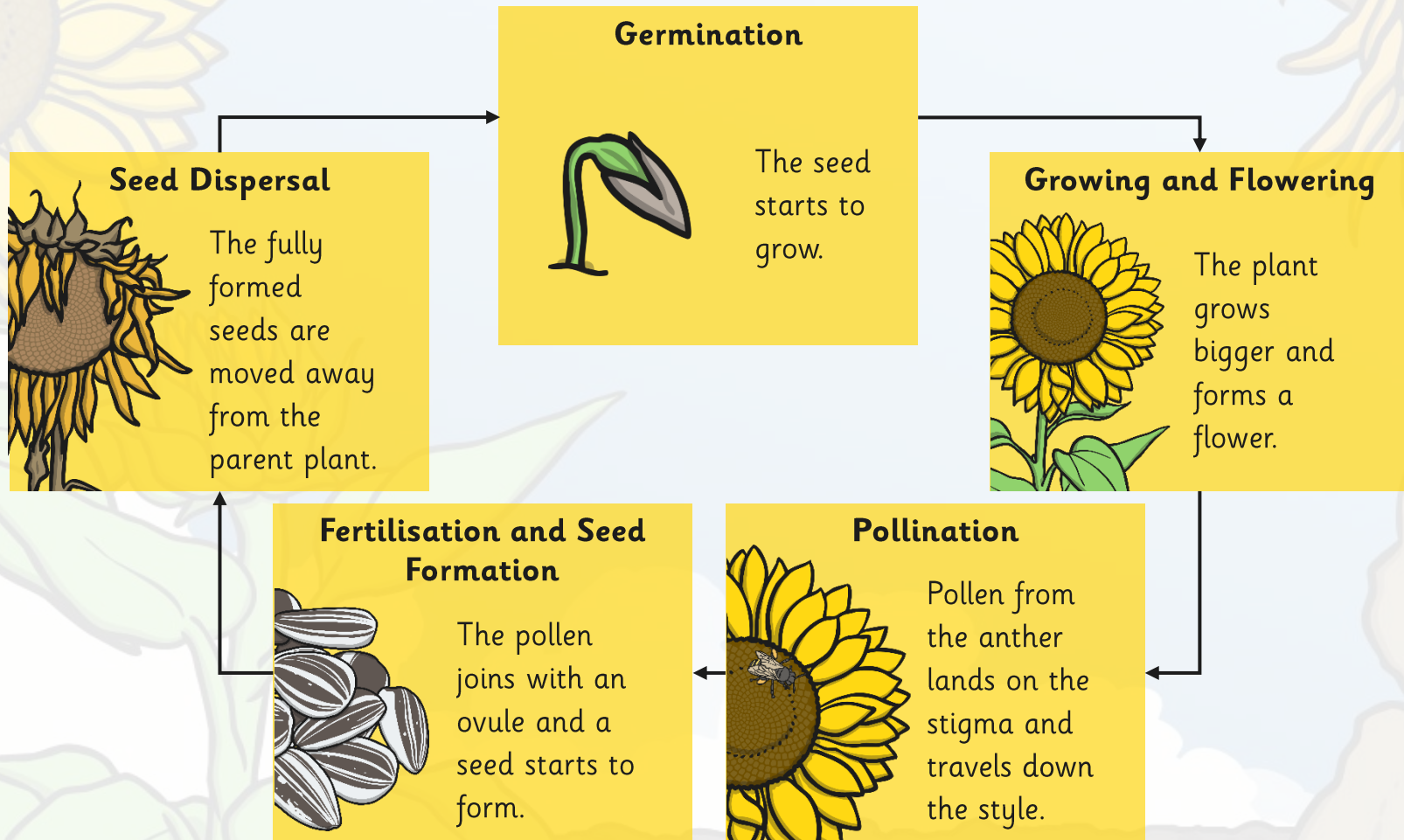
There are lots of different ways that seeds can be dispersed.

Seed Dispersal

Seeds can be dispersed by:



The Life Cycle of a Flowering Plant



Mini Project

Using this resource and 'The Life Cycle of Flowering Plants– Mini Project' sheet, can you design and create a way to represent the stages of the life cycle of a flowering plant?

The Life Cycle of Flowering Plants

Mini Project

All flowering plants go through the same stages of the life cycle.

The main stages are germination, growing and flowering, pollination, fertilisation and seed dispersal.

Can you design and create a way to represent the stages of the life cycle of a flowering plant?

You could:

- Draw the stages on a paper plate, using arrows to show the order.
- Make a poster to show the different stages.
- Create a book with one stage on each page.
- Write about what happens at each stage.
- Make a PowerPoint with one stage on each slide.
- Or come up with your own idea!

