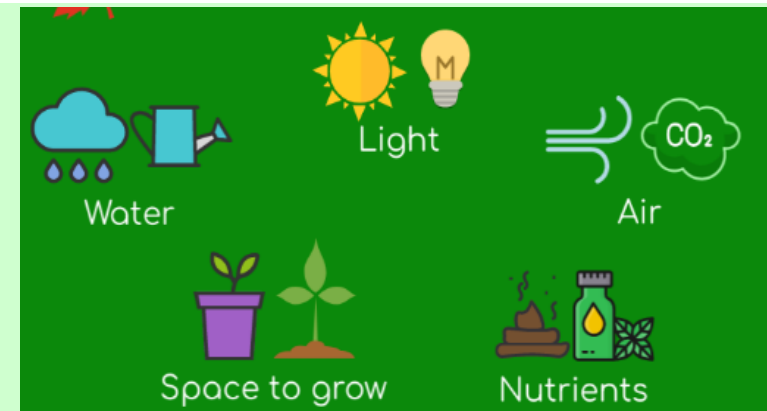


# How do plants grow?

Vocabulary	Definition
Nutrients	These substances are needed by living things to grow and survive. Plants get nutrients from the soil and also make their own food in their leaves.
Roots	These anchor the plant into the ground and absorb water and nutrients from the soil.
Stem	This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.
Leaves	These make food for the plant using sunlight and carbon dioxide from the air.
Flowers	These make seeds to grow into new plants. Their petals attract pollinators to the plant.
xylem	Thin tubes within a stem that help transport water.

## What do plants need to grow?

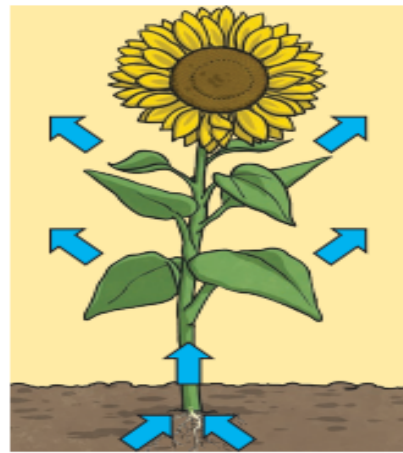


Do the different parts of a plant have a function? What are they?

## How do plants transport water?

### How Water Moves through a Plant

1. The **roots** absorb water from the soil.
2. The **stem** transports water to the **leaves**.
3. Water **evaporates** from the **leaves**.
4. This **evaporation** causes more water to be sucked up the **stem**.



flower

The flower is brightly coloured to **attract** birds and insects.

stem

The stem **holds** the plant up.

root

The root takes in **water** and **nutrients** from the soil.

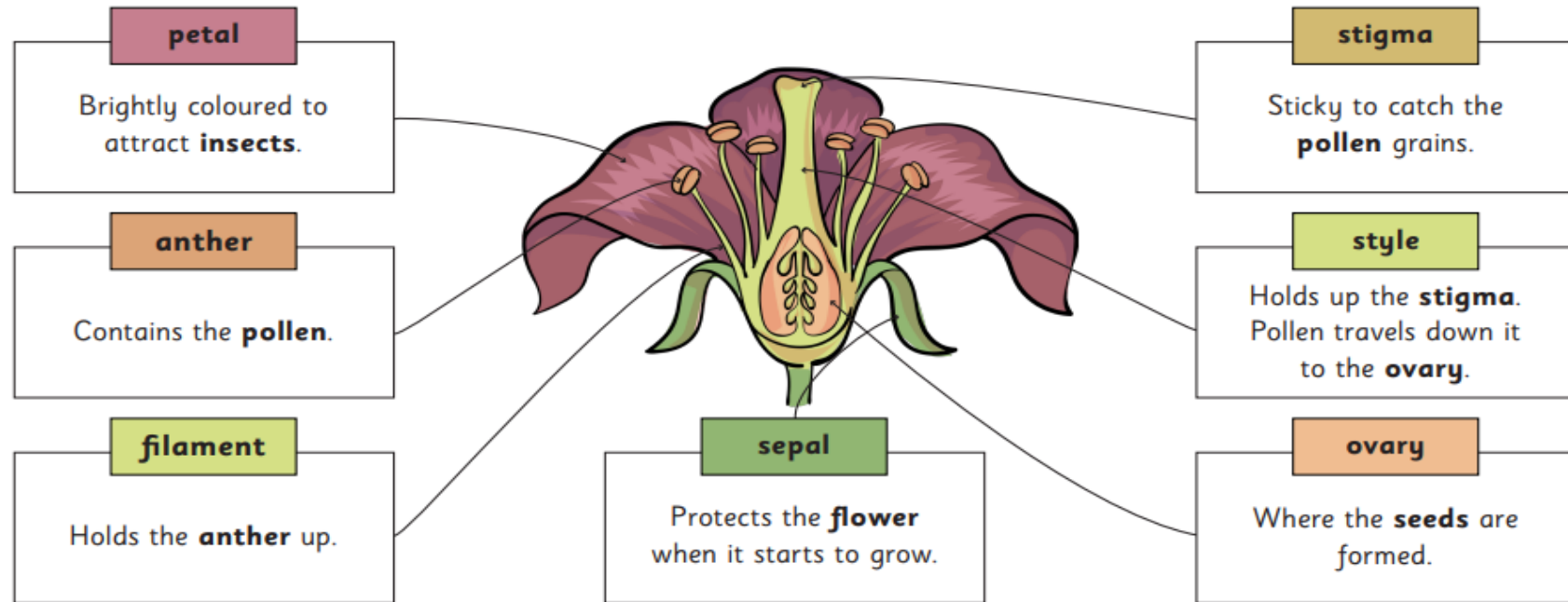
leaf

The leaf catches sunlight so the **plant** can make its own food.



# How do plants reproduce?

The flower's **main job** is to create new **seeds** to grow new plants. There are lots of **different parts** of the flower.



# How are seeds dispersed?

