

# Reproduction in Plants

- Most flowers have **male** and **female** parts.
- The **stigma**, **style**, **ovule** and **ovary** are the **female parts** of a flower.
- The **anther** and **filament** are the **male parts** of a flower.
- Sexual reproduction occur in flowering plants. The processes are
  - ♦ **pollination**,
  - ♦ **fertilization** (seed production),
  - ♦ **seed dispersal**,
  - ♦ **germination**.
- **Pollination** can take place with the help of **insects and animals**, **wind and water**.
- The process of pollination occurs when pollen grains fall on the stigma.
- **Fertilization** takes place when the **pollen tube fuses with the egg cell in the ovule**.
- Plants reproduce in various ways:
  - ♦ by **spores**,
  - ♦ **seeds**.

## More!

Some plants reproduce from other plant parts such as underground stems, suckers and leaves.

- Plants **disperse** their seeds by **wind**, **water**, **animals or explosive action** to avoid overcrowding and competition for nutrients, water, air and sunlight.

Adapted:

Science Partner Upper Block 5/6

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