

Vocabulary	Meaning
germination	the development of a plant from a seed
germinate	seed or spore beginning to grow and put out shoots
embryo	unborn/unhatched offspring in process of development
dissection	action of cutting up plant/body to study internal parts
dormant	alive but not growing
dispersal	action/process of distributing or spreading things
burr	rough, prickly case or covering of certain plant seeds
buoyant	able to keep afloat
encourage	make someone want to do something
attract	want to go towards (a flower)
scent	smell of the flower
ultraviolet	very bright lights
pollinator	transfer of pollen to a stigma, ovule, flower or plant to allow fertilisation
fertilisation	the beginning of a new seed
self-pollination	pollination of a flower by pollen from the same flower or another flower on the same plant
cross-pollination	pollination of a plant with pollen from another plant

### Key knowledge – Methods of Seed Dispersal



Plants use a variety of methods to disperse their seeds.

- Water dispersal
- Animal dispersal
- Wind dispersal
- Explosive force
- Fire

### Key knowledge – What is pollination?



**Pollination** is a vital stage in the life cycle of plants. It occurs when pollen grains are moved between two flowers of the same species. **Pollinators** are animals that move the pollen grains from flower to flower.

### Key knowledge – Self-pollination and Cross-pollination

