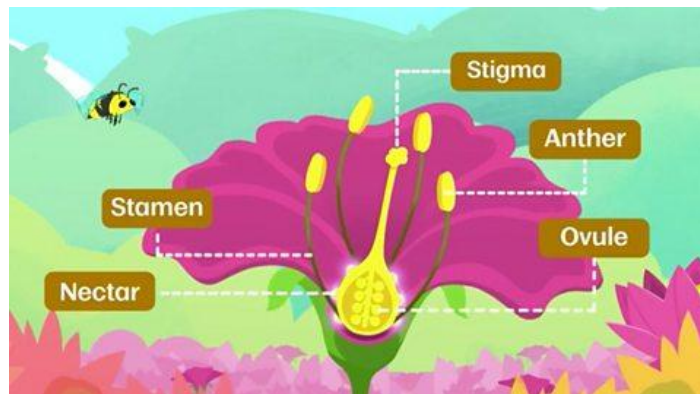


## Science Knowledge Organiser Term 4

### How does your garden grow?



#### Key Objectives

- To identify and describe the functions of different parts of flowering plants.
- To explore what plants need in order to grow.
- To explore the life-cycle of a plant through pollination.
- To explore what seeds are and how they spread.
- To investigate how water is transported through a plant.

#### Key Vocabulary

|                |  |
|----------------|--|
| Photosynthesis | The process by which a plant uses sunlight to make their own food.       |
| Nutrients      | A substance found in food that the plant needs to grow and survive.      |
| Minerals       | A solid substance that is formed naturally in the Earth.                 |
| Pollination    | The process of moving pollen from one flower to another.                 |
| Fertilisation  | The process where pollen reaches a new flower and makes new plant seeds. |
| Germination    | The process by which seeds begin to grow into plants.                    |
| Dispersal      | The process by which a plant spreads its seed away.                      |

#### Sticky Knowledge

- Identify and describe the functions of the parts of a flowering plant.
- Explore and describe the requirements of plants for life and growth.
- Investigate the way in which water is transported within plants.
- Explore the part that flowers play in the life cycle of flowering plants.
- Set up simple practical enquiries.