

# Knowledge Organiser Year 2 Science: Plants

## Key Vocabulary

|                |   |
|----------------|---|
| plant          | Plants are a large group of living things that use sunlight to make their own food. |
| germination    | It is the name for when a plant starts to grow.                                     |
| sprout         | Starts to grow visible shoots   |
| embryo         | A baby plant  |
| seed coat      | A tough layer on the outside to protect the plant                                   |
| food store     | A store of food to help them continue growing                                       |
| nutrient       | A substance that provides nourishment for growth                                    |
| seed dispersal | Is the movement, spread or transport of seeds away from the parent plant            |

## Concept: Evolution Ecosystems

### What Plants Need to Grow

#### Water and Nutrients

- Plants get water from the soil through their roots.
- They can also catch water on their leaves.



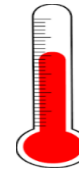
#### Light

- Plants do not eat food. They instead use sunlight to make their own food.



#### Temperature

- Plants need the temperature to be just right for them to grow properly.

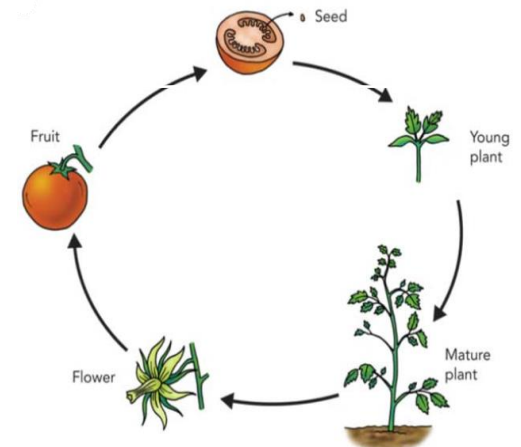


#### Space and Time

- Plants need room for their roots and stems to be able to grow.
- It can take days, months or even years for them to grow.



## Plant Life Cycle



## Growth from Seeds/Bulbs into Mature Plants

