

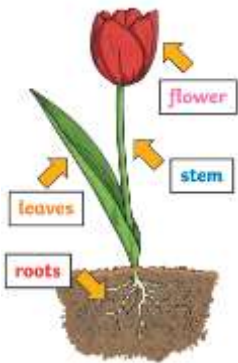
# In science we are learning about...

## Plants




### Key vocabulary

- function- The function of a something is what it does or to what it is used for
- nutrients- These substances are needed by living things to grow and survive
- air- The invisible gaseous substance surrounding the earth, a mixture mainly of oxygen and nitrogen.
- transport (water)- Take or carry from one place to another
- life cycle- Describes the various stages of plant life
- pollination- When pollen (a fine powdery substance produced by a flowering plant) is moved from the male anther of a flower to the female stigma.
- seed dispersal- A plant ensures its seeds are spread as far as possible from the parent plant, to give the seeds the best chance of Germination
- reproduce- The process by which a living organism creates a likeness of itself
- fertiliser- A Substance containing the chemical elements that improve growth and productiveness of plants

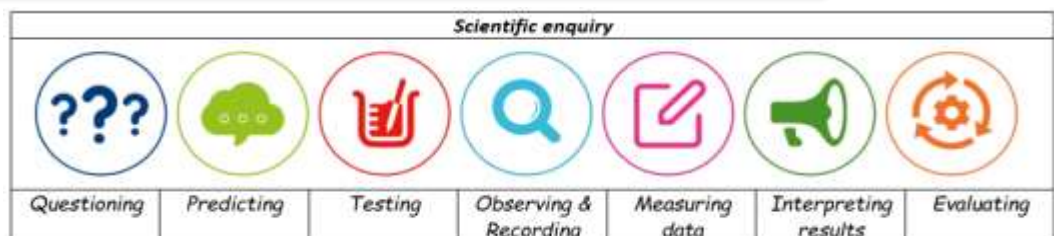


### Sticky knowledge

- Plants need air, light, water, nutrients from soil and room in order to grow 
- There are three stages to the lifecycle of a flowering plant: pollination, seed formation, seed dispersal.
- Water is transported into a plant via their roots and then the nutrients are passed through the plant via the stem/trunk.

### Links to previous learning

- To know how seeds and bulbs grow into mature plants
- To know that plants need water, light and a suitable temperature to grow and stay healthy
- To be able to name a variety of common wild and garden plants, including deciduous and evergreen trees
- To know and describe the basic structure of a variety of common flowering plants, including trees



### Aspirations

- Plant biologist
- Organic farmer
- Forestry consultant



### Characteristics needed for this topic:

- Making links
- Perseverance
- Curiosity

