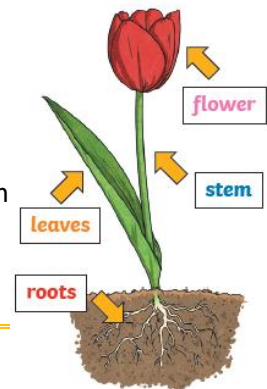# Science- Year 3

Summer 1- How does your garden grow?

In Science, I have learnt:
- That plants need sunlight, water and warmth to grow and stay healthy.
- I planted seeds and bulbs and observed them grow into mature plants. I recorded their growth over time.
- I learnt about the sequence of germination and understood that seeds and bulbs do not need light to grow as they have a store of food inside them

Seeds, bulb, germinate, root, shoot, stem, flower, leaves, seedling, mature plant, wilting, healthy, unhealthy, seedling.
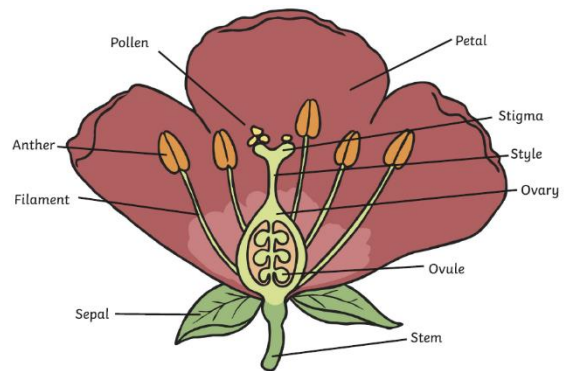
I can explain the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.

I know what plants need to live and grow.

I can investigate how water is transported within plants.

I understand why flowers are important in the plant life cycle.

I understand that plants make their own food.

Working Scientifically
I can think of questions that I would like to investigate during this topic.

I can make careful observations of leaves using a magnifying glass. I can compare different leaves.

I can carry out a fair test to find out what would happen if a plant has no leaves.
- **I can make a prediction and say why I think this using my knowledge from Year 2**
- **I understand what is changing/ staying the same**
- **I can make careful observations of the plants over time**
- **I can use my results to draw a conclusion.**

I can predict what will happen to the carnation and say why I think this.

I can put seeds into groups based on how they are dispersed and explain my choices.

Scientific enquiry type:
Grouping and classifying, Carrying out a fair test, Observation over time

New Science words:
Stalk, veins, root hair, **nutrients, anchor**, support, seed, **germination, seedling**, **mature plant**, flowering, **pollination, seed formation**, bud, petal, sepal, carpel, stamen, pollen, reproduce, nectar, seed, fruit, **dispersal**, animal, wind, water, self-dispersal, explosion, sprinkling, competition.

Seed Dispersal
Seeds can be dispersed by:

water

shaking

dropping

carrying

eating

bursting