Plymouth Science

Knowledge Organiser

Year 1 and 2
Looking after plants

VOCABULARY

Plant- a living thing that usually grows from the ground.

Flower- The part of a plant that blossoms.

Leaves- use light, air and water to make food for the plant.

Stem- Carries water and nutrients to different parts of the plant.

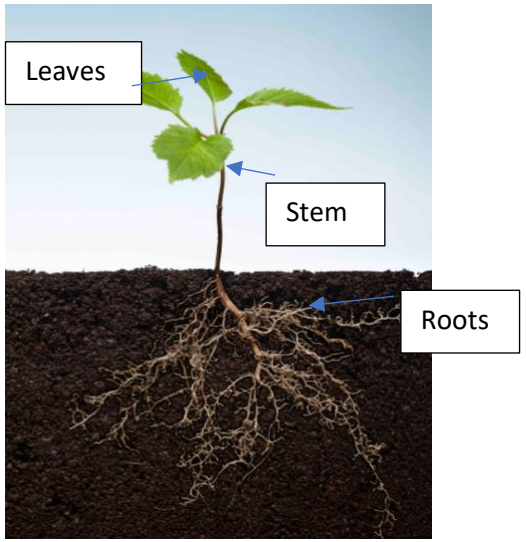
Roots- Holds the plant in the ground and absorbs water and nutrients from the soil.

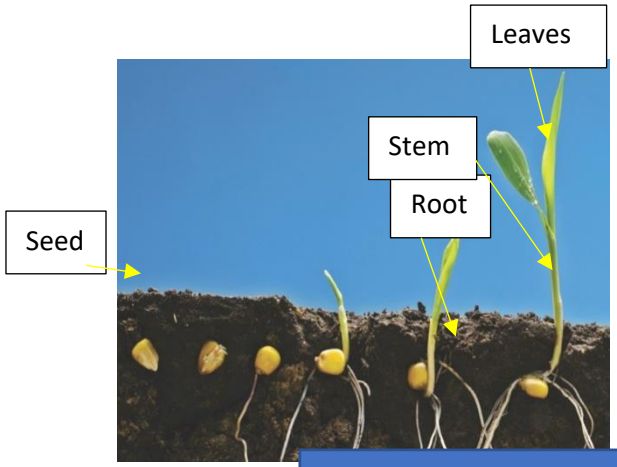
Seed- production of flowering plant, develops into another plant.

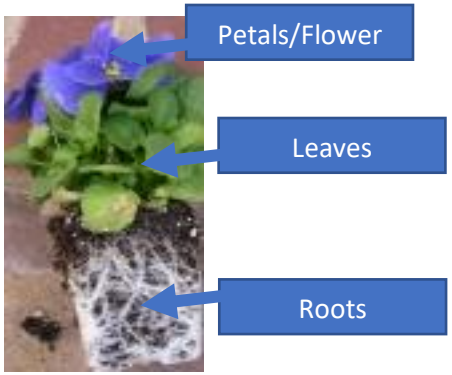
Bulb- round storage system in some plants e.g lily, daffodil.

Bud- compact growth on a plant which develops into a leaf, flower or shoot.

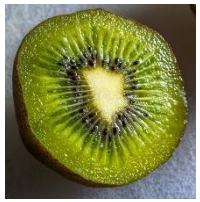
Germinate- start of growth.







Seeds and bulbs



Seeds come in all shapes and sizes and can be found in fruits and vegetables.

Conditions for growth

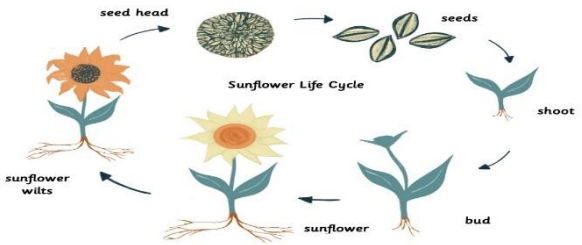
Rain/water | Sunlight | Temperature

Air | Time | Nutrients

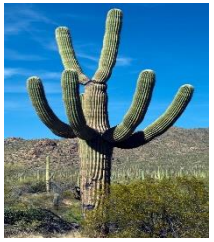
Plymouth Science

Year 1 and 2
Looking after plants

Lifecycle of a sunflower



Plants in different climates



The Desert

A Hot Climate

A Pond

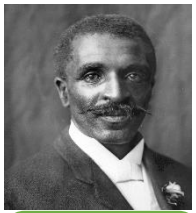
A Cold Climate

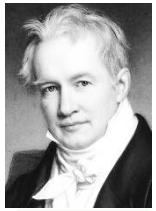
Plants adapt to their environment and climate.

Deciduous and Evergreen

Deciduous	Evergreen
A tree or shrub which shreds its leaves annually. They look bare in winter, put out new leaves every spring and then drop them in the autumn. Trees such as Japanese maples, witch haze, red oaks and Sycamore.	Has foliage which remains green and functional through more than one growing season. Trees include most species of conifers, pine, spruce and holly.

Famous botanists.


George Washington Carver


Alexander Von Humboldt

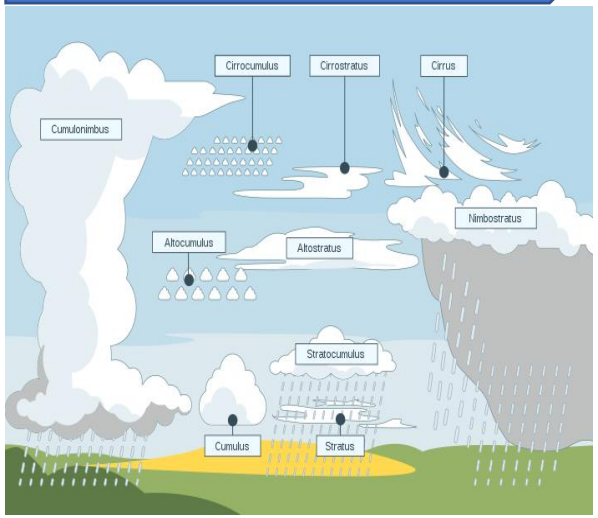
Oliver Rackham

Dr Angie Burnett.

Carl Linnaeus

Seasons

Summer | Autumn

Spring | Winter

Clouds