



St Bernadette's Catholic Primary School

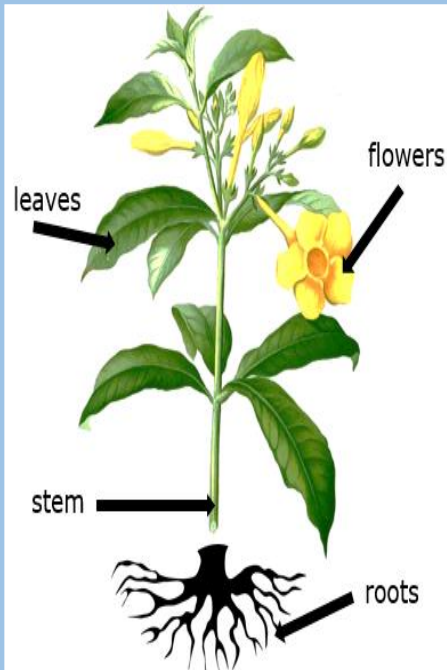
Beech Class

Science Summer 1 Plants

Gospel Value -
Stewardship

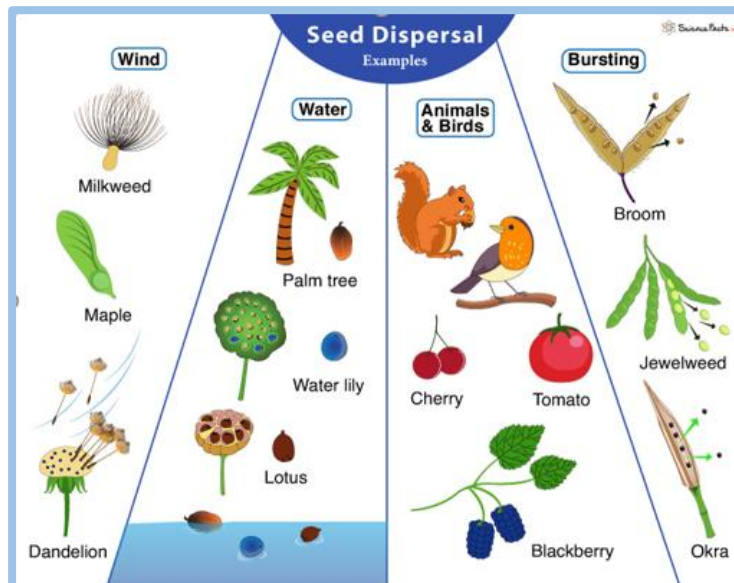
What I should already know...

- How seeds and bulbs grown into mature plants
- Have experimented and can talk about plants need water, light and a suitable temperature to grown and stay healthy



Key Knowledge

- Many plants have roots, stems, leaves and flowers
- Roots absorb water and nutrients from the soil and anchor the plant in place
- The stem transports water, nutrients and minerals around the plant and holds the leaves and flowers up in the air to help with food making, pollination and seed dispersal
- Leaves use sunlight and water to produce plant's own food
- Pollen, produced by the male part is transferred to the female part of the flower (pollination)
- Seeds are dispersed in different ways
- Different plants need different conditions for germination and growth



Key Vocabulary

Photosynthesis – Plants use sunlight, water and carbon dioxide to create oxygen and energy in the form of sugar

Pollen - A fine powdery substance produced by a flowering plant.

Insect/wind pollination – insects and wind carry pollen from one plant to another

Seed Dispersal – Seeds are dispersed by wind, animals, water

Male Part of Plant – Produces pollen

Female Part of Plant – Receives pollen for pollination

Pollination – The process by which flowering plants produce more plants (Reproduction)

Air – Invisible gas surrounding the earth

Nutrients – A substance that produces nourishment

What does a plant need to grow?

