

# Science – Plants

St Francis RC Primary School



# EYFS – Plants - KUW

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*Children have frequent opportunities for outdoor play and exploration. Staff encourage interactions with the outdoors to foster curiosity and give children freedom to touch, smell and hear the natural world around them during hands-on experiences. We create opportunities to discuss how we care for the natural world around us and sing songs and join in with rhymes and poems about the natural world. We investigate the following:*

- Why are the leaves not all green?
- Will the trees grow more leaves?



# Year 1 Plants

- There are different types of trees and plants
- Deciduous trees lose their leaves in autumn every year.
- Evergreen trees have green leaves all year round.
- We know what main parts of a tree and a plant are.



# Year 1 Plants

We investigate the following questions:

- Which tree has the biggest leaves?
- How does my sunflower change each week?
- Is there a pattern in where we find moss growing in the school grounds?

## Key Vocabulary

seed

leaf

trunk

Flower

branch

petal

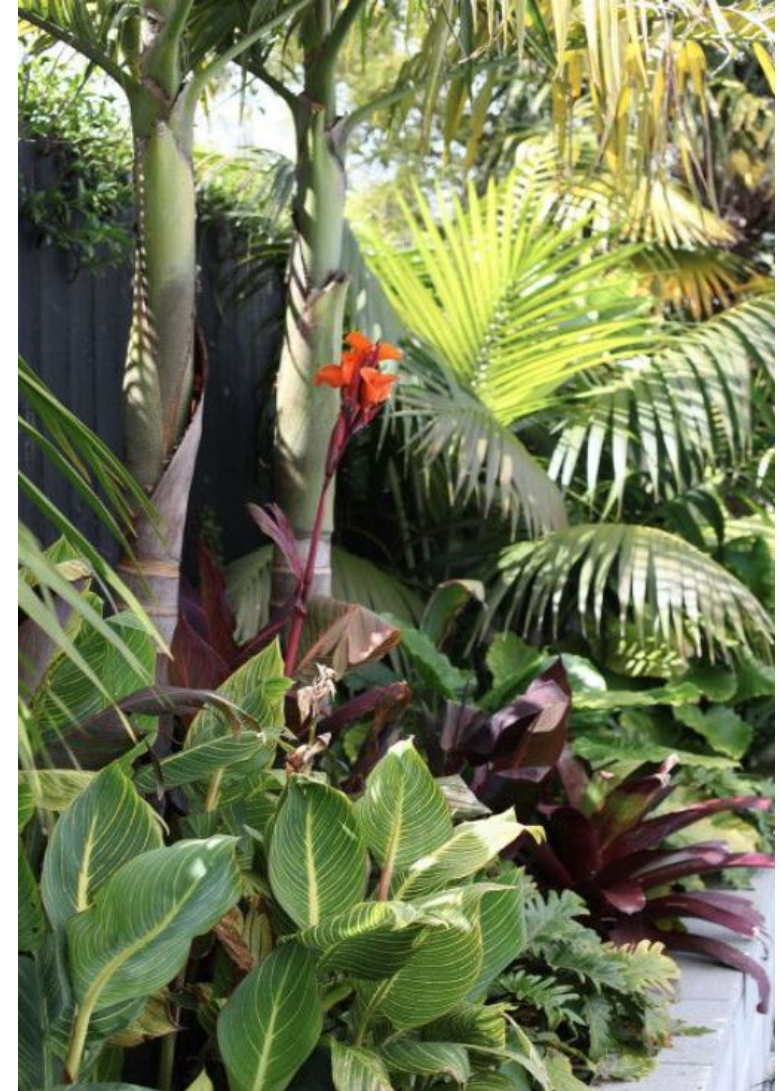
stem

fruit

Bark

root

Deciduous



# Year 2 Plants

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- Plants can grow from seeds or bulbs.
  - Some plants grow quickly and some more slowly.
  - Plants need water, space and a suitable temperature to grow.
  - Different types of plants need different conditions to stay healthy.
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# Year 2 Plants

We investigate the following:

- What happens to my bean after I have planted it?
- Do bigger seeds grow into bigger plants?

## Key Vocabulary

seed  
bulb  
seedling  
Bud  
flower  
fruit  
berry  
root



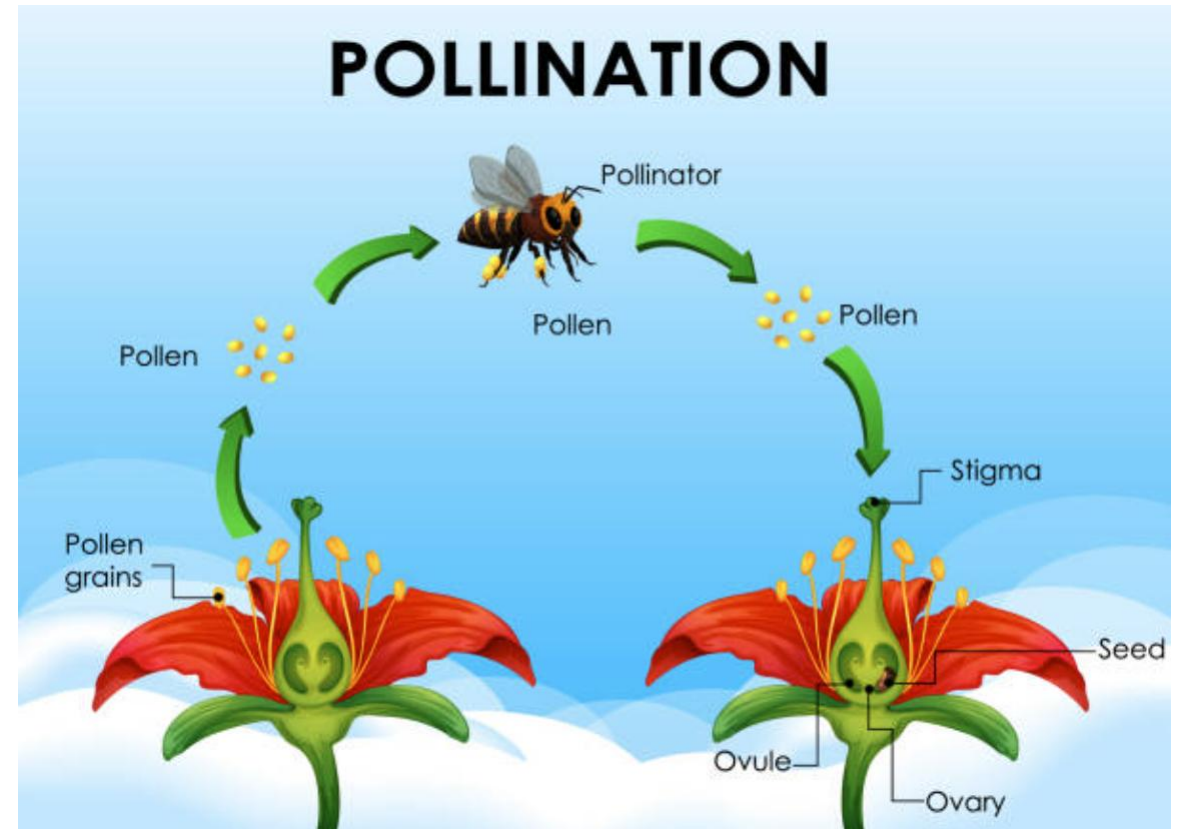
# Year 3 - Plants

Plants need certain things to grow: air, water, room to grow, nutrients from the soil.

Plants take in water.

We know what pollination is.

We know and can describe the different methods of seed dispersal: wind, animals eating them, animals fur, explosion and water.



# Year 3 Plants

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We investigate the following:

- What happens to celery when it is left in a glass of coloured water.

## Vocabulary

Roots, stem/trunk, leaves, photosynthesis  
pollen, pollination seed, formation,  
seed dispersal, germination

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