



Roby Park Primary School Year 3
Biology
Parts of Plants



What we already know:

- ✓ Which things are living and which are not.
- ✓ A variety of common wild and garden plants, including deciduous and evergreen trees and how to identify them.
- ✓ The structure of common flowering plants, including trees (including leaves, flowers, fruits, roots, bulbs, seeds, stem, trunks and branches)
- ✓ Seeds and bulbs grow into mature plants
- ✓ Plants and animals depend on each other to survive.
- ✓ Requirements for plants to grow

We are learning to:

- Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- Investigate the way in which water is transported within plants
- Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.





Roby Park Primary School Year 3

Biology

Parts of Plants



What we already know:

- ✓ Which things are living and which are not.
- ✓ A variety of common wild and garden plants, including deciduous and evergreen trees and how to identify them.
- ✓ The structure of common flowering plants, including trees (including leaves, flowers, fruits, roots, bulbs, seeds, stem, trunks and branches)
- ✓ Seeds and bulbs grow into mature plants
- ✓ Plants and animals depend on each other to survive.
- ✓ Requirements for plants to grow.

Key Vocabulary

Leaf - the leaves collect food from the sun and make food for the plant.

Stem: supports the plant above the ground and carries the water to the leaves from the roots.

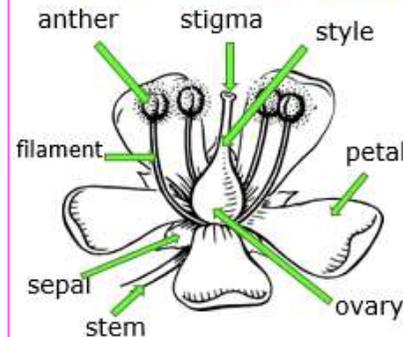
Roots - Hold the plant in the ground and absorb water and nutrients from the soil.

Flowers - The part of the plant that blossoms. Flowers produce the seeds that form new plants and attract pollinators using their bright colours or unusual shapes.

The Power of Five



PARTS OF A FLOWER



Not all plants produce flowers. These non-flowering plants, such as Ferns and mosses. They grow from spores instead of seeds. Non-flowering plants as well as flowering plants make their own food through photosynthesis.

Seeds grow to make new plants. This is called germination.

Investigate!

Explain what each part of the plant does to help it live and grow. Discuss how plants need water and how the roots absorb water and nutrients. Collect different types of leaves from outside and compare them with other leaves. Dissect a flower.





Roby Park Primary School Year 3 Biology Parts of Plants



3Ws

What is the function of a plants root?

What is the function of the stigma?

Where is the sepal?

3 2 1

Name 3 parts of the flower

.....
.....
.....

List 2 flowering plants

.....
.....

List 1 non flowering plant

.....



Name 5 parts of a plants



VOCABULARY UNSCRAMBLE

k t n u r

The stem of a tree, from which its branches grow.

e d e s

What plants grow from and how they reproduce.

e l a s v e

Collect food from the sun and make food for the plant.

Speedy Pencil. Write as much as you can remember in 5 minutes



.....
.....
.....
.....
.....

