

Science Knowledge Organiser

Year 1

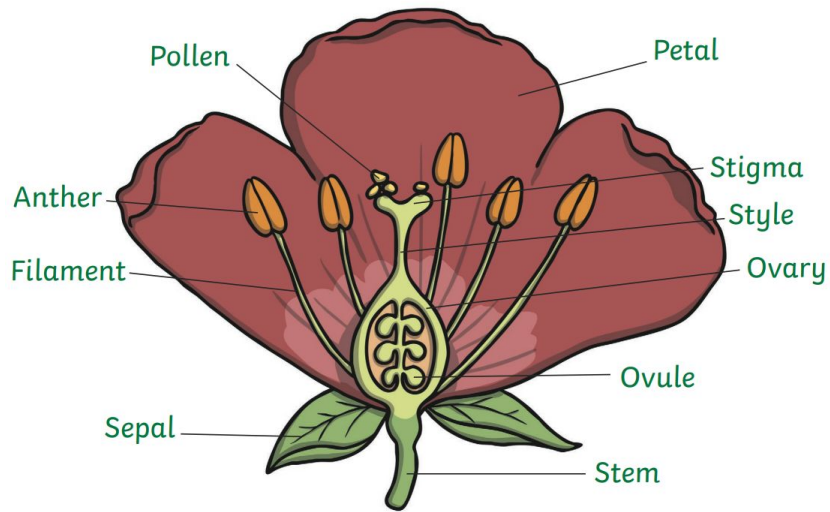
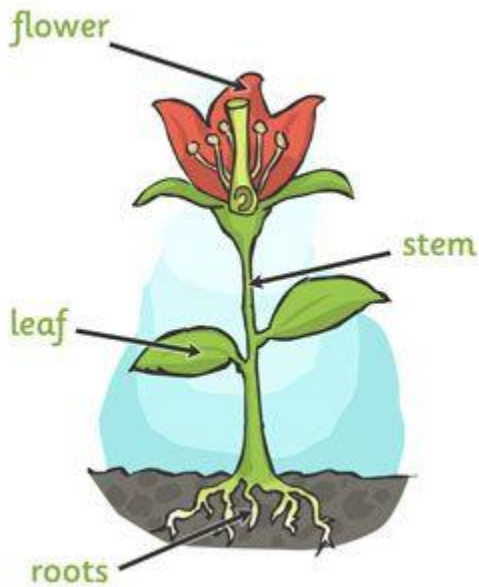
Summer (i)

What can we find out about the basic structure of flowering plants?

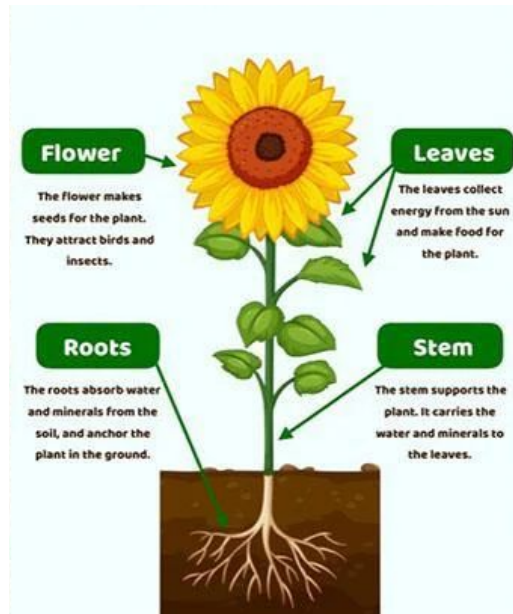
Portable Knowledge - A flowering plant has roots, a stem, leaves, petals and pollen. The roots hold the plant in the ground; the stem keeps it stable; leaves are used for food production and petals attract insects to the pollen

To know the basic structure of a flowering plant; to label a flowering plant

Parts of a Flower



To describe the functions of different parts of a flowering plant

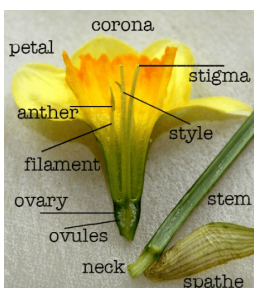


Core vocabulary

structure - the arrangement of and relations between the parts or elements of something

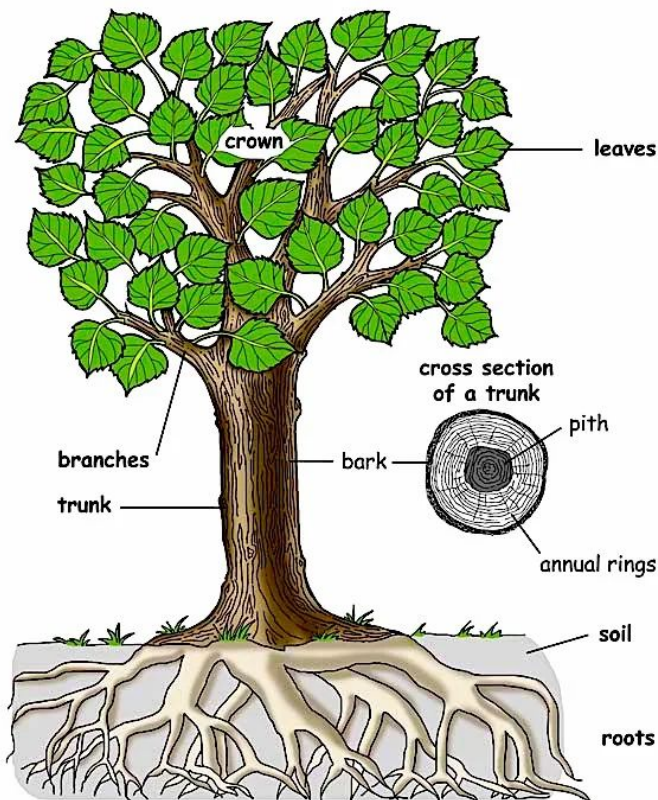
flowering plant- any of a major group of higher plants that produce flowers, fruits, and seeds

function -an activity that is natural to or the purpose of a person or thing.



To know the basic structure of a tree; To label a tree

Parts of the Tree



To describe the functions of different parts of a tree

Trees have three main parts—crowns (canopies), trunks, and roots. Each part has a special job to do in keeping the tree healthy and growing.

Crown (Canopy)

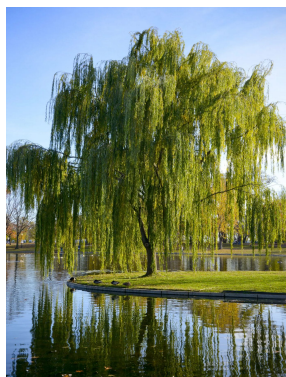
The crown is the branches and leaves of the tree. It has the important job of making food for the tree. The leaves make food using water absorbed by the roots and carbon taken from the carbon dioxide in the air.

Roots

Roots hold the tree in the ground and absorb water and minerals the tree needs to make food.

Trunk

The trunk and its branches give a tree its shape. The trunks of most evergreen trees grow straight up to the top of the tree whereas the trunks of most broadleaf trees do not reach to the top of the tree. Instead, the trunk divides into spreading branches, giving the crown a rounded shape



Can you identify our class trees?