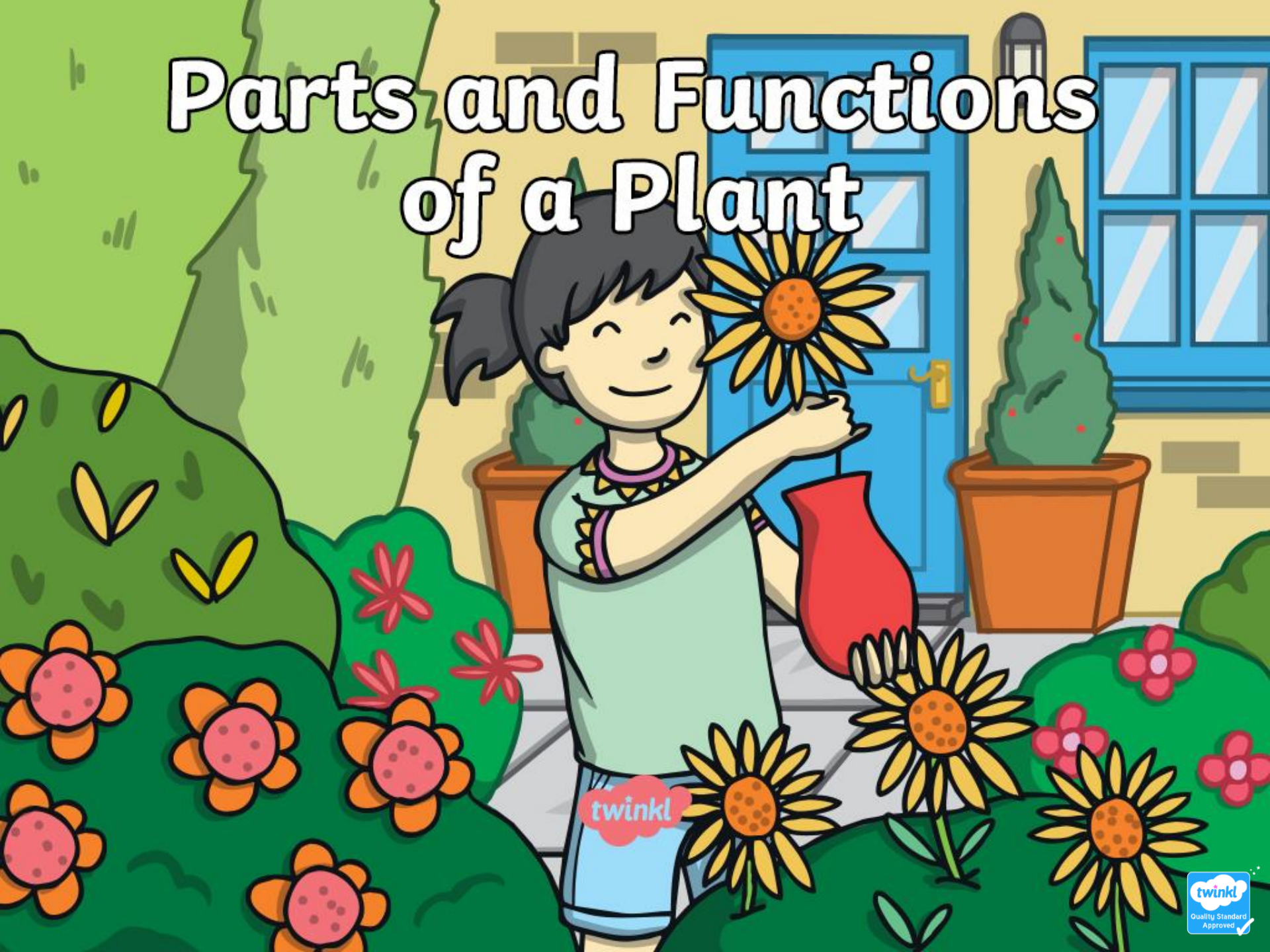
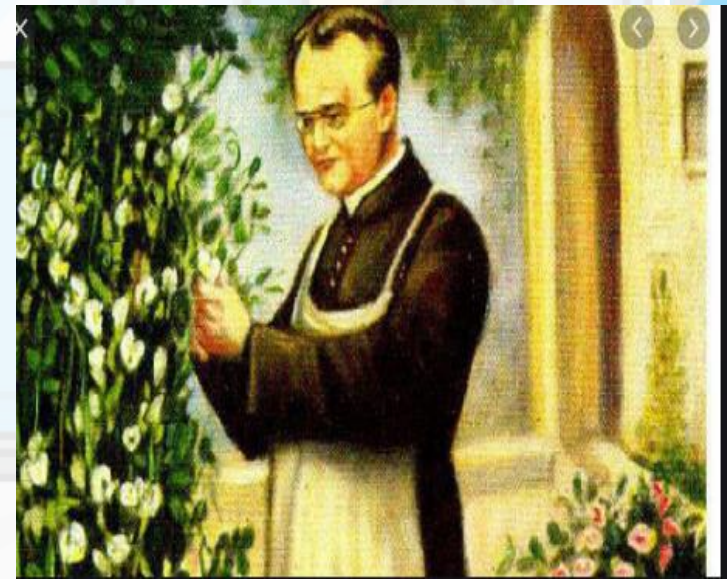


Parts and Functions of a Plant



Big Question...

Gregor Mendel was a scientist and Augustinian friar (monk) who was famous for his pea plant experiments on plant height, pod shape and colour, seed shape and colour, and flower position and colour. He needs to know what the structure of a plant is and what the different jobs of the plant are to help with his experiments – find the structure and functions of a plant.



What do you know any parts of a plant?

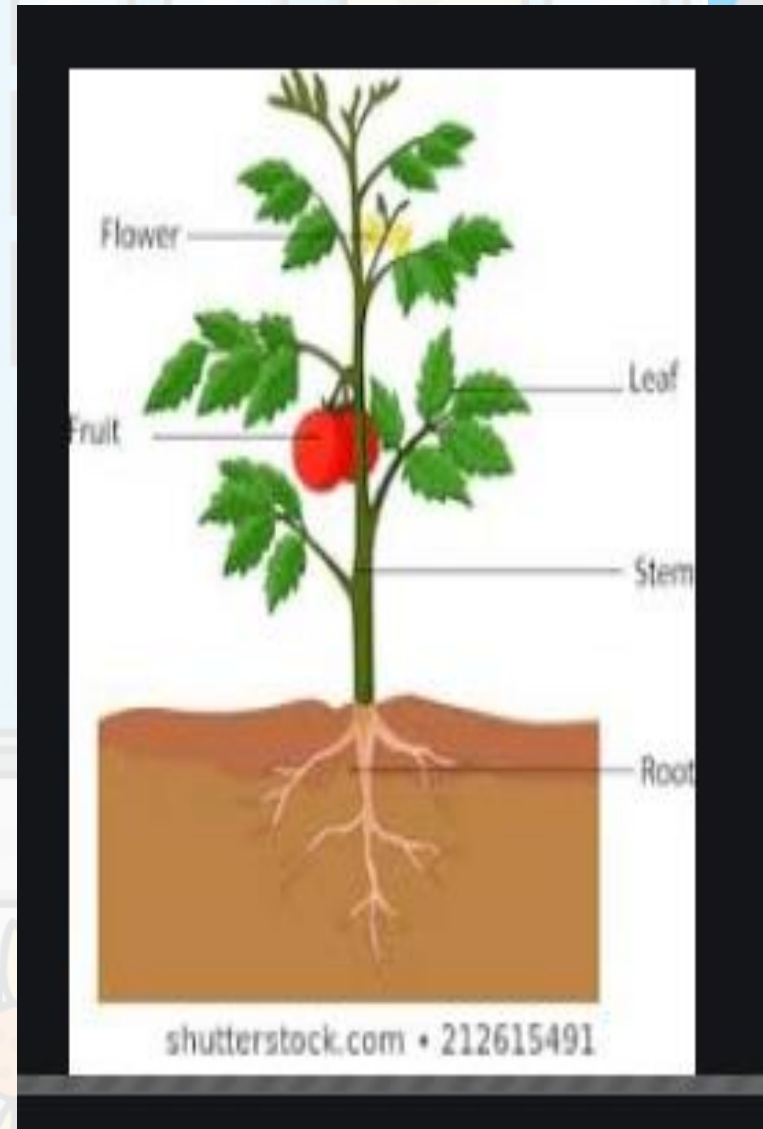
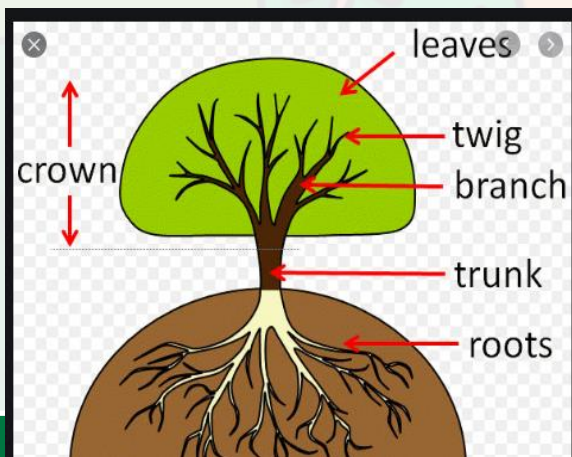
What does the word function mean?

Watch

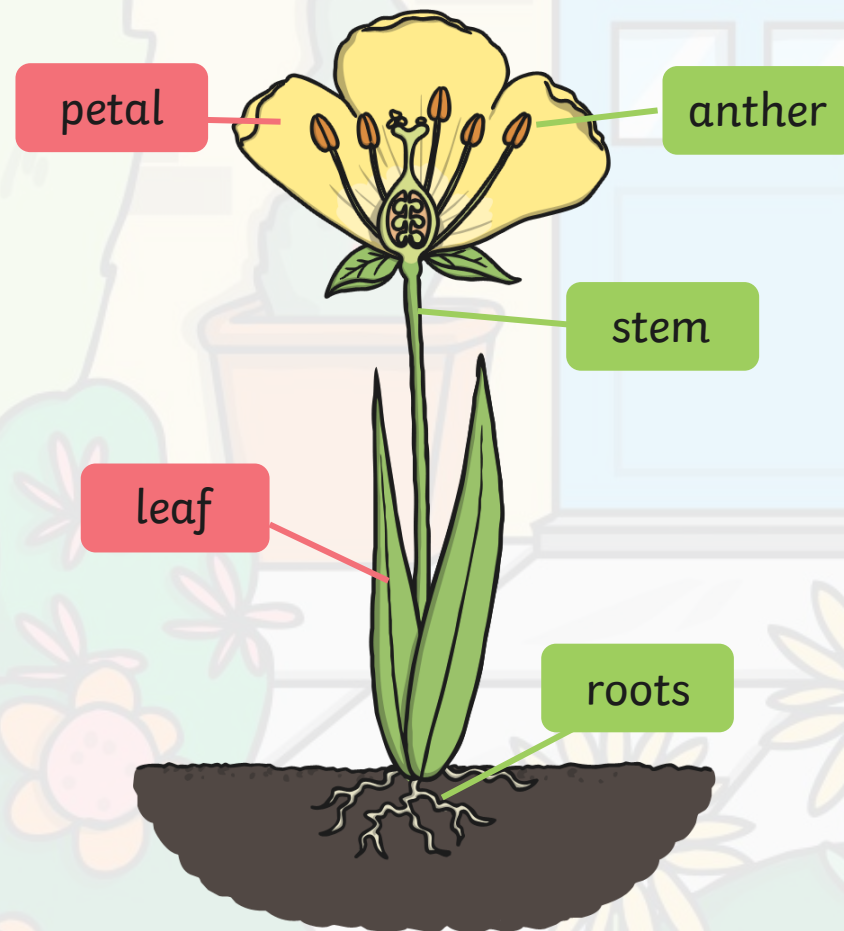
https://www.youtube.com/watch?v=ql6OL7_qFgU

What are the parts of a tree? – do you know the trunk and branches?

What was blossom?

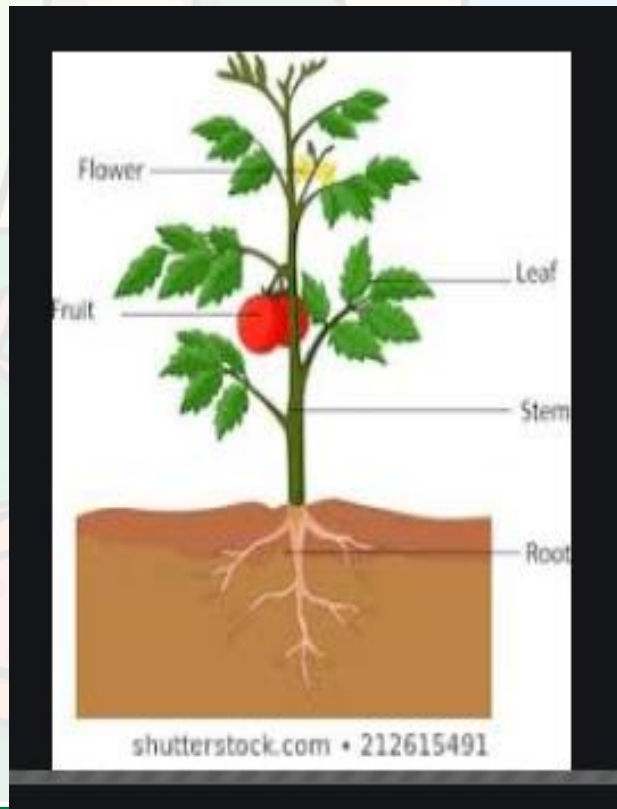


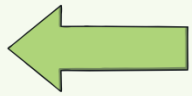
Parts of a Plant



Functions of a plant.

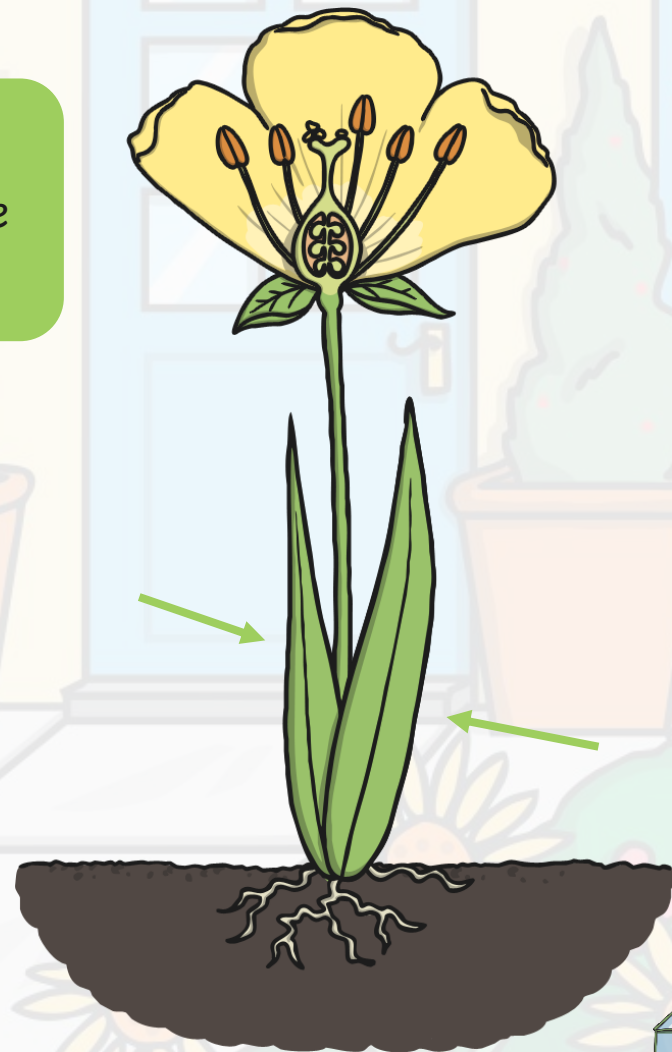
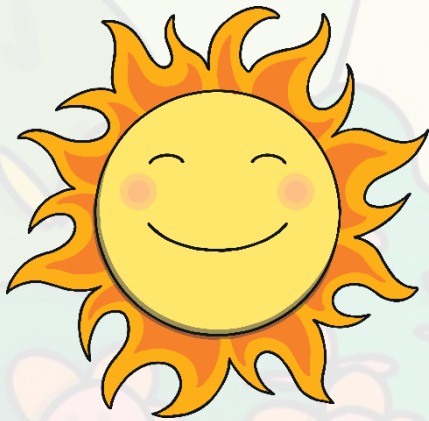
What does function mean? Do you know the functions of the different parts of the plant?

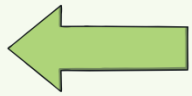




Leaf

Leaves make food for the plant from carbon dioxide in the air and sunlight.



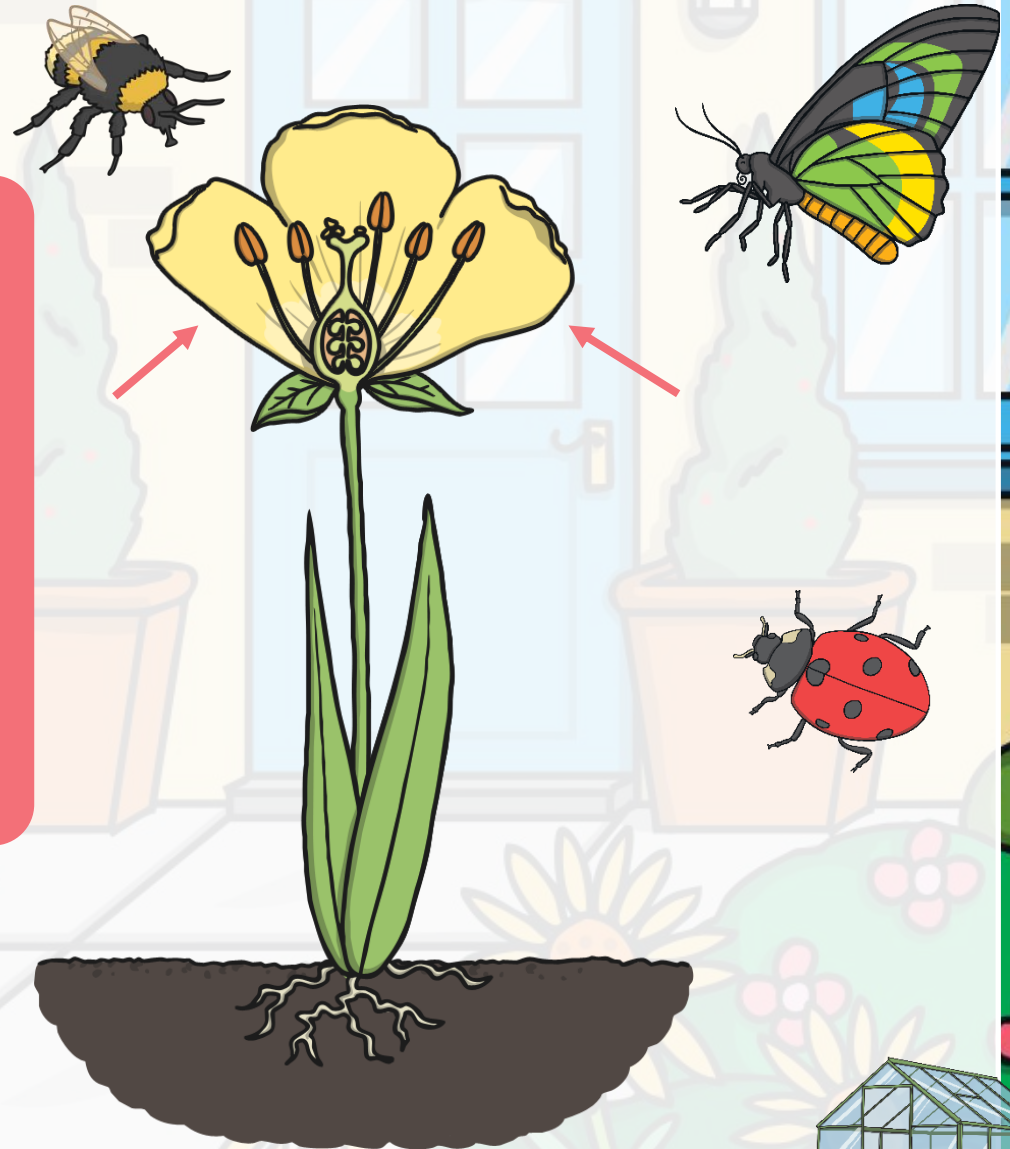


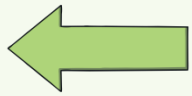
Petal

Petals attract insects to the plant.

Plants need insects to bring pollen they have collected from other flowers so they can make seeds.

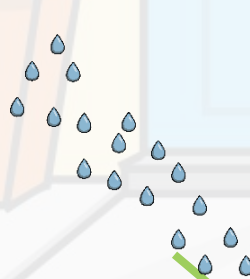
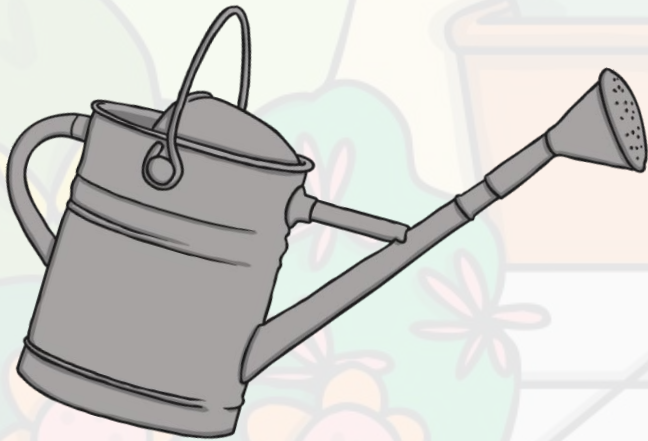
Petals are bright colours to attract the insects.

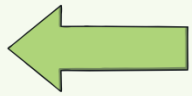




Roots

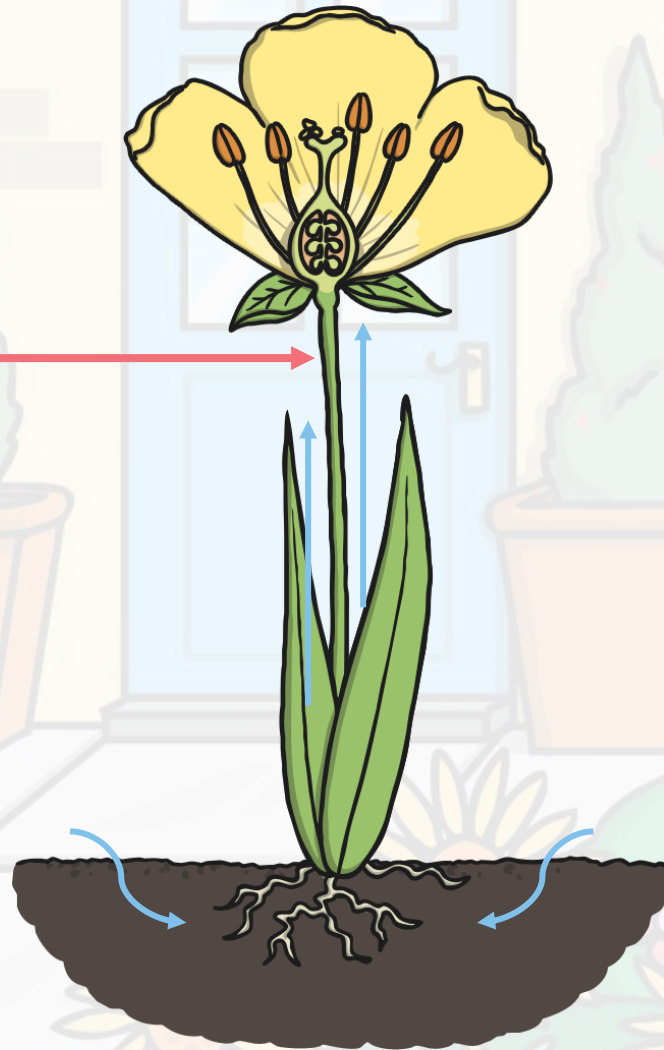
Roots absorb minerals and water from the soil. The roots also help the plant anchor in the soil and stay upright.

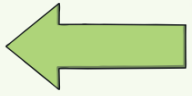




Stem

The stem transports water around the plant. It also holds the plant upright so it can get more sunlight.

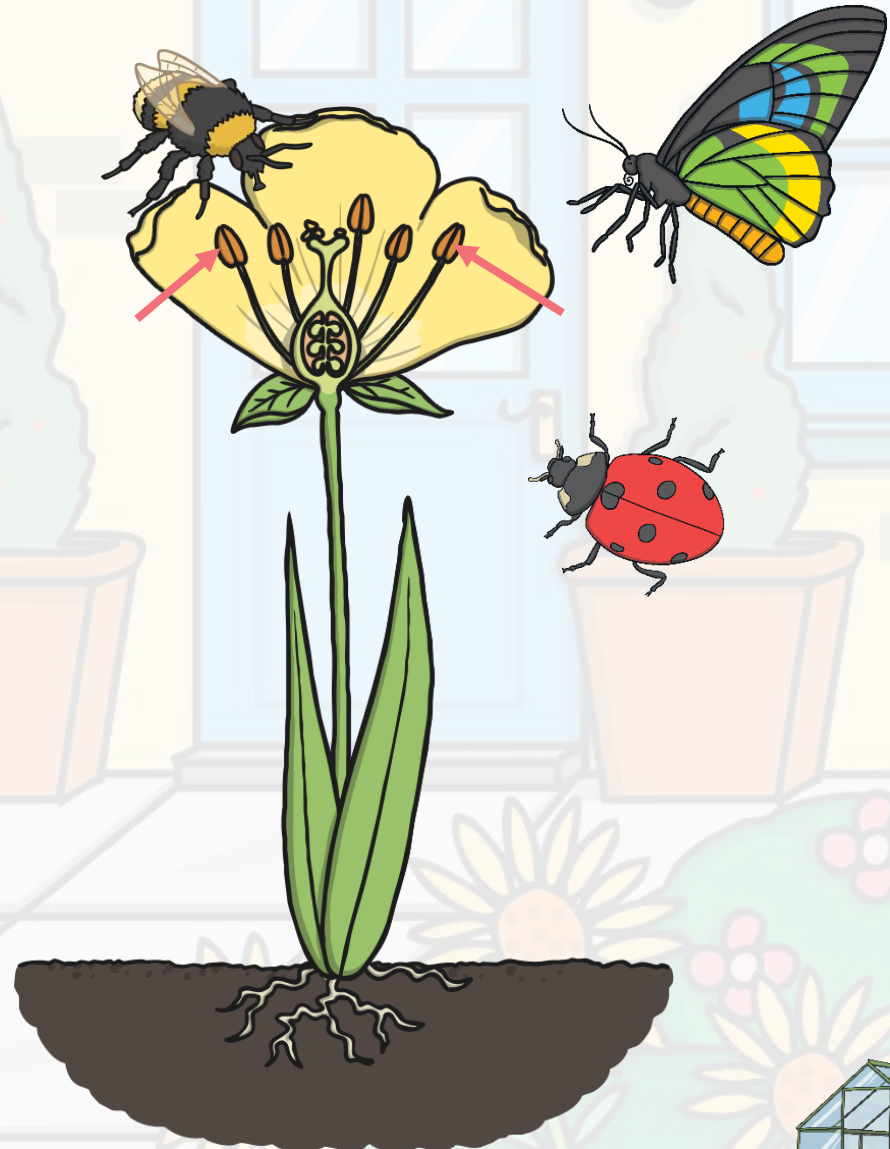




Anther

The anther contains pollen which brushes onto insects when they land on the flower.

The pollen is moved by insects to other flowers.



Dissecting

Has anyone every dissected a plant before?

Do you know what dissection means?



Activity:

Think about the 'Big Question'. Can you draw a plant, label the parts and also describe the function of each part to help Gregor Mendel?