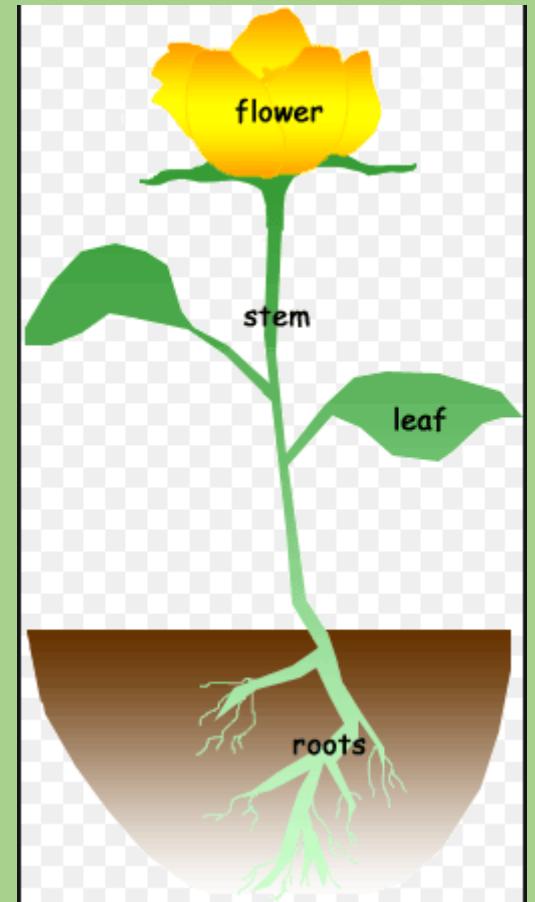


Plants

Wednesday – The function of stems



L.O: To understand the how water moves through plants

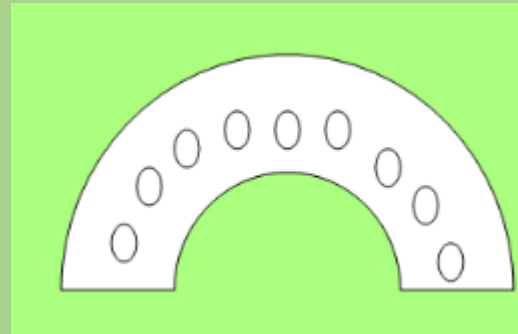
Recap - how do plants get water from the soil?



Roots absorb water and nutrients from the soil.

L.O: To understand the how water moves through plants

- What has happened to your celery that you left in food colouring?
- Remember that the celery we eat is the stem of the plant
- Try drawing your results!

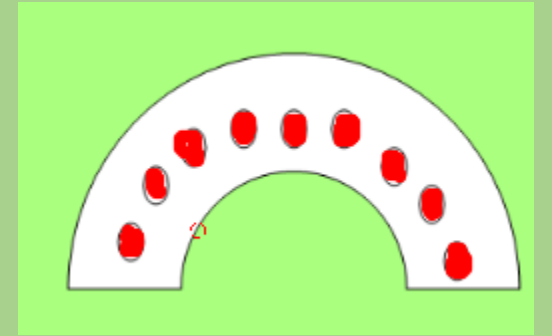


L.O: To understand the how water moves through plants

Mrs Collis' results:

The food colouring has turned the tubes inside the stem red. The veins in the leaves have turned red too.

Watch the video link from 1m 44s to see the science behind it



L.O: To understand the how water moves through plants

As well as **supporting** the plant, stems also **transport** water. We could see our water as it had food colouring in it.

Water is transported through tubes called **xylem** and it is taken all around the plant (including leaves and petals)

Leaves use the water (more about that next week) and some of it leaves the leaves and goes back into the air.

L.O: To understand the how water moves through plants

Water moving through plants.

Can you draw this model?

