

How does water travel around a plant?

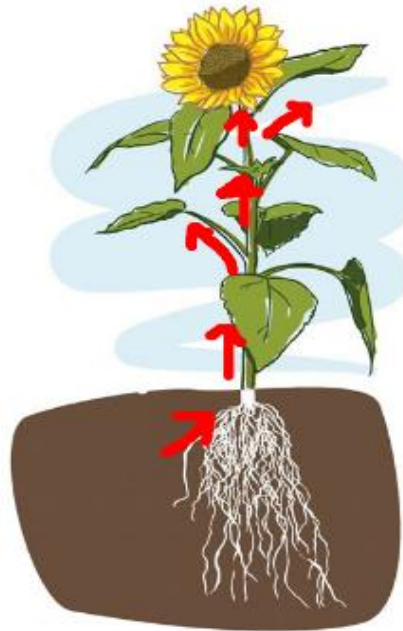


→ **Stem** →

Holds up the plant and is hollow like a straw to help the water travel

KEY VOCABULARY

- Nutrients
- Stem
- Water
- Xylem
- Travel
- Hollow



The roots absorb water from the soil, the water then travels up through the stem which is hollow (like a straw) to send the water to each different part of the plant right up to the top to reach the flower.

The **Xylem** (yellow straws) transport water and minerals directly to the leaves

The **Phloem** (blue straws) transports minerals and sugar straight to the growing parts of the plant such as developing seeds



Use this website to find out more:

<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-how-does-water-get-from-the-roots-to-the-leaves/zdtfjhw>

What experiments can I do?

1. Celery/Flower Colour

- Take a piece of celery or a flower
- Put it in a cup of water and add 3-4 drops of food colouring
- Leave it overnight and then take a look!
- Use your explanation to figure out what happened



2. Paper Flowers

- Use some paper to cut out 3 medium sized flower shapes
- Fold the petals in and place them gently onto a bowl or tray of water
- Watch what happens....