

# Walking water

Discover how water can 'walk uphill' and investigate capillary action to demonstrate how plants take up water.

**Estimated time:** 30 minutes

**Location:** Indoors

**School term:** All year round

**Level of experience:** No experience needed

**Subject(s):** Science, Art&DT

## Learning objectives

- ✔ Observe how water can move through paper
- ✔ Investigate the way water is transported in plants
- ✔ Explore mixing primary colours

## Step by step

- 1** Use food colouring to make coloured water (blue and yellow).
- 2** Pour the same amount of coloured water into 2 clear containers.
- 3** Place the 2 containers of coloured water either side of an empty container.
- 4** Fold a sheet of kitchen paper into a thin strip. Make 2 of these.
- 5** Fold each strip in half, lengthways. These will be the 'ladders' for the coloured water.
- 6** Place one end of a strip in the blue colour and the other end in the empty container.
- 7** Do the same in the yellow coloured water.

## Essential background information

### Water transportation in plants >

