



Try this simple experiment

Beavers can watch coloured water travel through leaves with this easy experimental activity

Suitable for **Beavers**

What to do

- 1** Take your Beavers outdoors to collect a selection of leaves, all with decent stems.
- 2** Back at HQ, get them to snip off the bottom of each leaf stem and place each leaf in a clear cup filled about a third of the way with water.
- 3** Let them each add some red food colouring to the water.
- 4** Get the Beavers to observe the leaves very closely over

the session, take their leaves home and watch them over the next couple of days.

- 5** The following week, ask them what they observed. Did they notice the red colour travelling up the leaf? You can explain that it was moving through the transport system of the leaf (Xylem tubes), which take water and minerals up from the roots through the entire plant.



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A fun extra

You can also use a white carnation – split the stem in two and put one half in a cup of water and the other half in a cup of water with food colouring in it. Half the petals will change colour and half will stay white (this may take up to 24 hours).

You will need

- Leaves
- Scissors
- Clear containers, or jars
- Water
- Red food colouring



More info

Morrisons sponsors the Beaver Gardening Activity Badge and has created some great resources to help Beavers fulfil the badge requirements. Visit scouts.org.uk/morrisons to download the activity pack.

