

Task 2

(In your own time when you have suitable materials)

Science Experiment: Exploring how water travels through a leaf

In this science experiment, we will be observing how liquids travel through leaves over a period of three days. You may like to do this experiment when you have the suitable materials (don't worry if you can't do it today, post on the blog when you have done the experiment).

Things you'll need:

Leaves

Scissors

Clear cups/glass

Water

Red food colouring

Observation sheet (you'll find this on the blog)

Method:

1. Start by taking a walk outdoors and collecting various leaves.
2. Snip off the bottom of each leaf stem. Then place each leaf in a glass filled about a third of the way with water.
3. Add red food colouring to the water. (Make the water a very dark shade of red to increase your chances of seeing changes in the leaves.)
4. Observe the leaves closely. (You can use a magnifying glass if you have one.) Record your observations of how they look on Day 1 of the experiment.
5. Observe them for the next two days. Be sure to record your observations in the correct area on your observation sheet.

