



SCIENCE FUNFAIR

Let us turn

white tube roses into coloured ones.

Material:

12 tuberoses

4 glass bottles

Small knife or scissors

Blue ink

Red and green edible colours

Spoon

Start Science- Fun Experiment:

Fill an appropriate amount of water in all the four bottles.

Put 10 drops of blue ink in the first bottle and stir.

Put red colour in the second and green colour in the fourth bottle and stir.

Now give a slanting cut at a distance of about 2 cm from the base of the stems of the tuberoses.

Put 3 tuberoses in each bottle.

After 4 hours see the fun.

The colours of the tuberoses in the first three bottles will have changed.

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The Science-Fun behind it...

Minute tubes transport food prepared by leaves to the stems, branches and roots and also transport the water absorbed by the roots to the leaves.

The leaves lose some water due to evaporation and then the water in the stems is sucked up.

With the help of the principles of evaporation and capillary attraction the coloured water in the bottle will overcome the force of gravity and reach all the parts of the plant.

The white flowers in the bottles will become coloured!

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Science-Fun Findings:

Try and find out whether coloured flowers change their colour.

A huge tree can absorb 900 litres of water on a very hot day.

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- RAJIV TAMBE
- rajcopper@gmail.com