



a WOW Lab

BLUEPRINT

Rainbow Flowers

Prep Instructions

Real Flowers

The following items will be required for the prep of this activity:

- white flower
- food colouring
- craft knife or scissors
- plastic cup

Step 1

Place all materials on a communal table or desk.

Filter Flowers

The following items will be required for the prep of this activity:

- cotton string
- scissors
- ruler
- 10 plastic containers
- food colouring
- water
- 2 baskets with slits in the bottom

Step 1

Cut the string into pieces that are 25 cm in length (**Figure 1**). Make sure that there are enough pieces so that each flower will have 4 pieces of string.



Figure 1



Figure 2

Step 2

Fill 5 plastic containers about halfway with water. Add red, blue, green and yellow food colouring to the containers so that there is one container of each colour. In the last container, add all four of the colours together (**Figure 2**). The more food colouring that is added, the brighter the resulting flower colours.

Step 3

Place the baskets upside down on top of the plastic containers. Depending on the size of the basket, multiple containers may be placed underneath (**Figure 3**).

Step 4

Repeat Steps 2 and 3 to ensure that there will be enough spaces for every student's flower.



Figure 3