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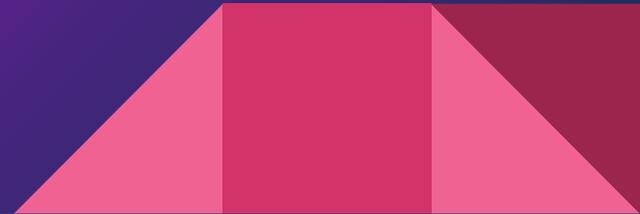
COLOR

CHERRY

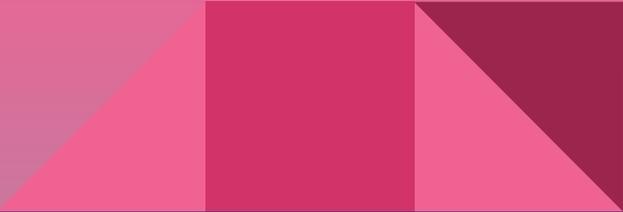
flowers

Which dye, watercolor or food coloring will best dye a white flower if dying it at all?

We think the food coloring will dye the white flower more than the watercolor will dye it. What do you think will happen?



Steps

- 1- crush up the water color tablet
 - 2- measure the water color powder and food coloring (1 tbsp)
 - 3- measure the water (2 tbsp)
 - 4- add coloring to the water
 - 5- cut the stems of the flowers
 - 6- put the flowers in separate cups
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Video of steps



set one watercolor



set one food coloring



set two food coloring



set two watercolor

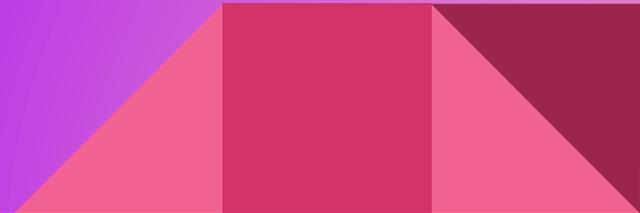


Description

we observed that set one's food coloring dyed the flower (blue) got dyed and the water color dyed flower (orange) did not and set twos flowers did not get dyed fully until day 2 but otherwise was the same result .

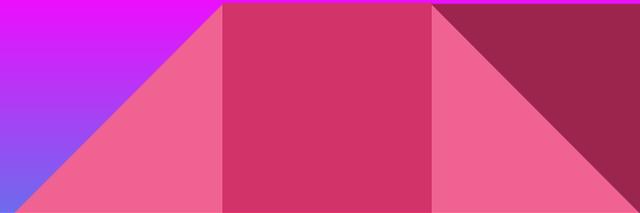
Why this happened

This happened because the food coloring dyed flower caught on to more dye than the water color dyed flower, we think this happened because one dye was a solid and the other dye was a liquid and the solid may not have dissolved fully.



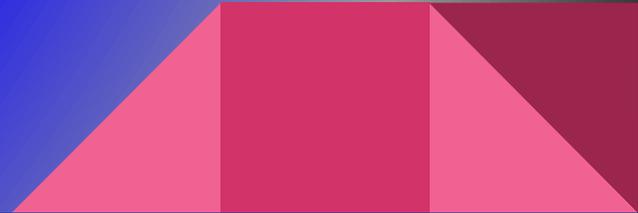
Why the flowers changed at all

The flowers were dyed because the flowers are sucking up the colored water and bringing it to the flower petals and there for changing the color they suck up the water for a process called photosynthesis where that plant makes its food.



Were we right or wrong?

Our hypothesis was correct the food coloring dyed the flower more than the watercoloring did thanks for taking time out of your day to see our presentation.



The end

