

Weekly

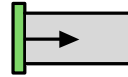


Science

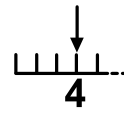


Challenge

-



WC



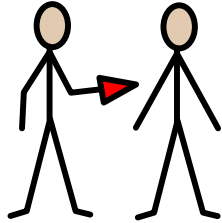
4th



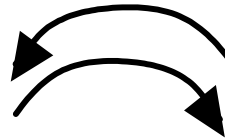
May



Can



you



change

the



colour

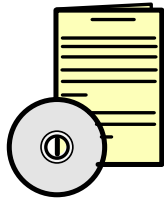


of a

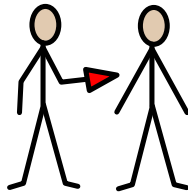
flower?



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SCHOOL



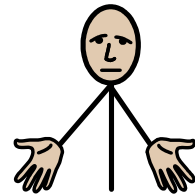
Resources



you






may



need

- **4**  glasses

- **4**   flowers

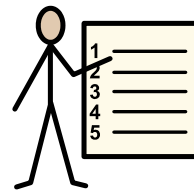
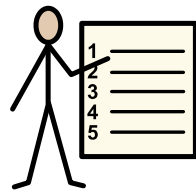
-  Food colouring (**4**  different  colours)

-  Chopping board











































-  Sharp knife



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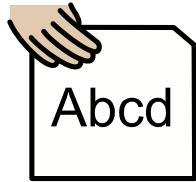
Method / instructions

- 




 • Half fill each glass with water
- 




 • Add a different food colouring to each glass
- 





 • Keep adding colouring until a strong colour is formed
- 


 • Stir each glass
- 




 • Cut the stems of the flower at a slight diagonal
- 





 • Put one flower into each glass
- 



 • Place the glasses onto the window sill
- 


 • Leave for 4 - 6 hours
- 




 • Keep checking the flowers to notice the changes



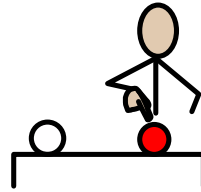


Useful



words

for



this



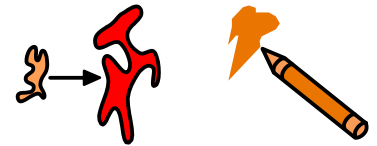
challenge



flower



experiment

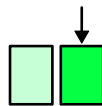


change

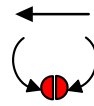
colour



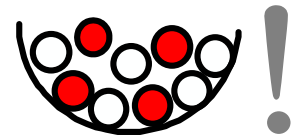
window sill



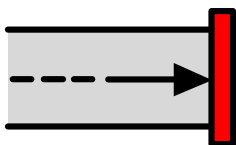
strong colour



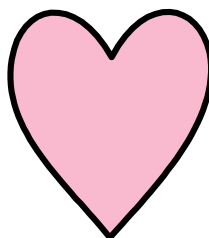
formed



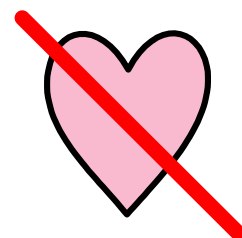
more



finished



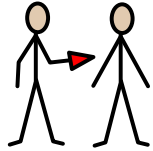
like



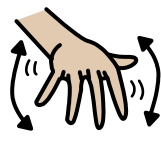
don't like



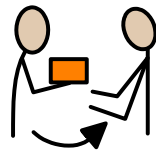
How



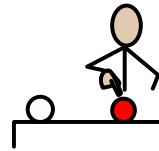
you



might



present



this



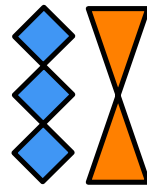
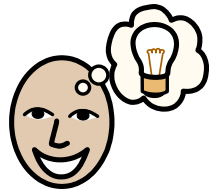
work

Please video your experiment
or take photos of the different
stages (in particular the final
stage to show if it worked).

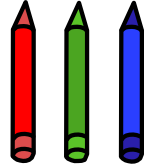
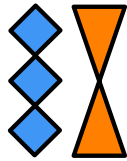
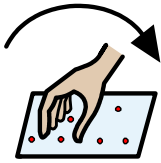
If you used different citrus fruits
which worked best?



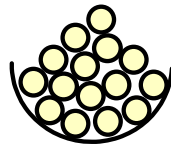
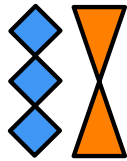
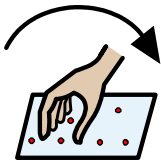
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Ideas for differentiation



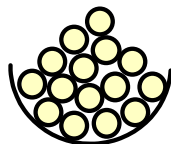
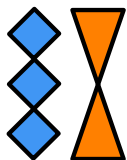
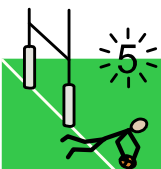
- Try different colours.



- Try different amounts of



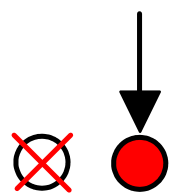
food colouring



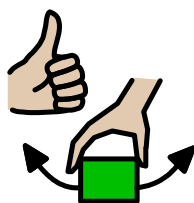
- Try different amounts of water



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Other



useful



information

Please use the following website to view what
you are doing

<https://www.youtube.com/watch?v=HeIS-GK0cYI>



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