

Weekly

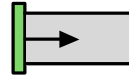


Science

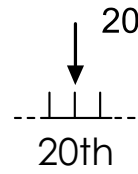


Challenge

-



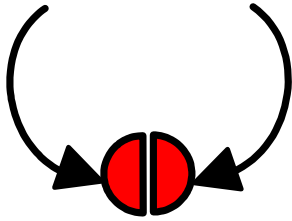
WC



20th



April



Make

a

leak proof

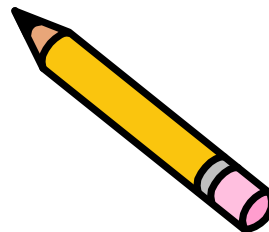
bag



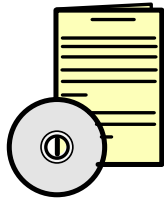
with

a

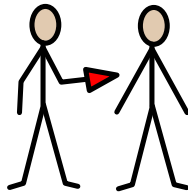
pencil



ROSEHILL
SCHOOL



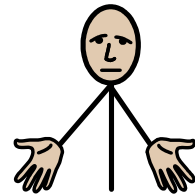
Resources



you



may



need



- Sharpened pencils



- Zip lock bag



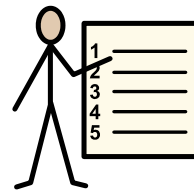
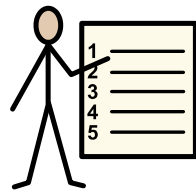
- Water



- Food colouring (if you want to)



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Method / instructions

- 









First, put water in the bag and fill $\frac{3}{4}$ full
- 






Add food colouring if you want (you don't need to)
- 





Shake the bag with water and food colouring
- 








Next, take the sharpened pencil and poke through from one
- 



side to the other
- 






How many pencils can you poke through?
- 








When you take the pencils out, use the sink or bowl

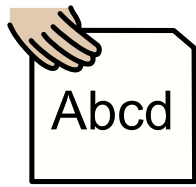
 to help



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SCHOOL

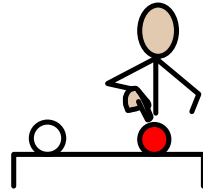


Useful



words

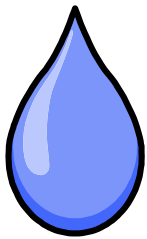
for



this



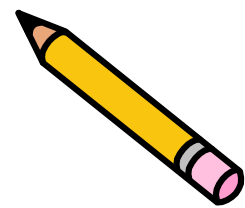
challenge



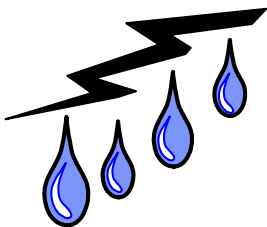
water



experiment



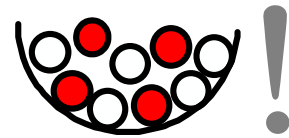
pencils



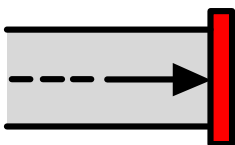
leak



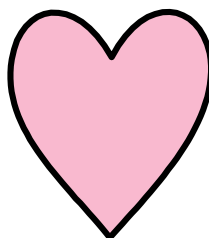
leak proof



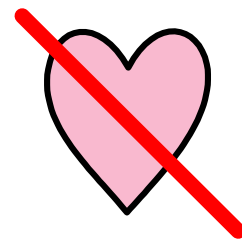
more



finished



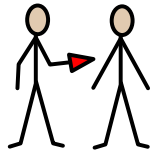
like



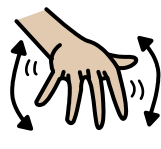
don't like



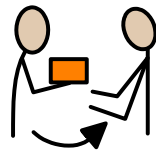
How



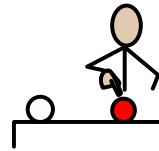
you



might



present



this



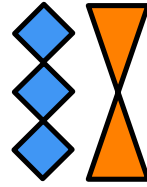
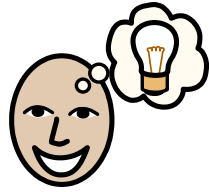
work

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

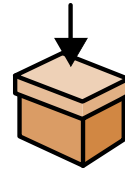
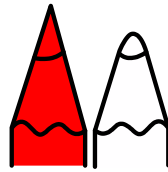
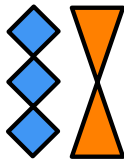
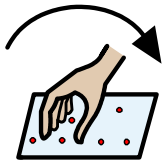
If you used different materials
which worked best?



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Ideas for differentiation

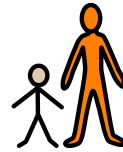
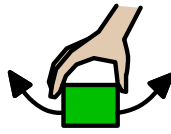


Try

different

sharp

objects

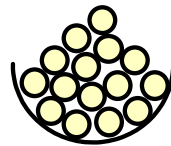
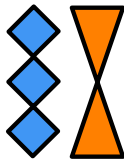
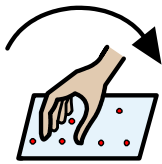


(PLEASE

USE

ADULT

SUPPORT).



Try

different

amounts

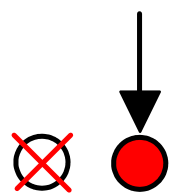
of



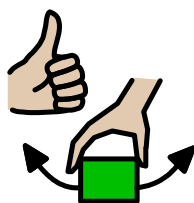
water



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Other



useful



information

Please use the following website to view what
you are doing

<https://www.youtube.com/watch?v=z-MsYagHs10>



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