

Weekly

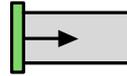


Science



Challenge

-



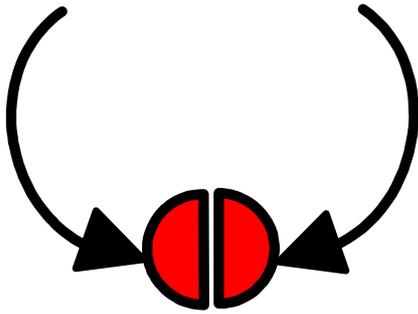
WC



30th

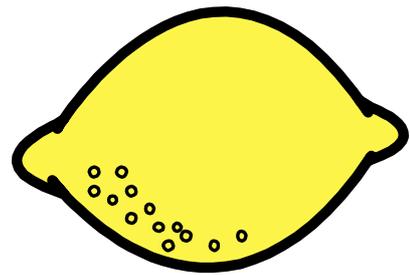


March

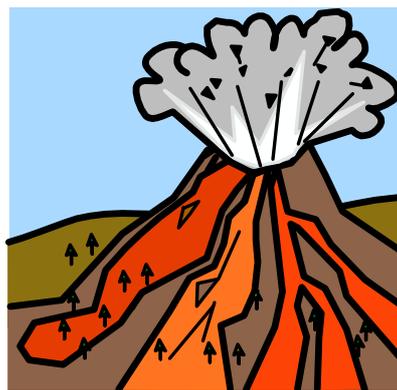


Make

a



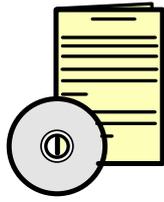
lemon



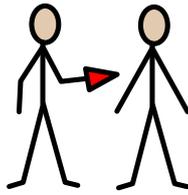
volcano



ROSEHILL  
SCHOOL



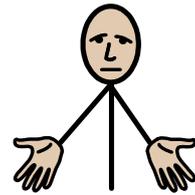
Resources



you



may



need

-  a pan  or tray

-  lemons

-  cutting  knife

-  butter  knife

-  spoon

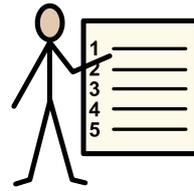
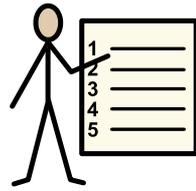
-  measuring cup

-  baking  soda

-  food colouring



ROSEHILL  
SCHOOL



Method / instructions

-  Cut  the top  and  bottom  of a lemon

-  Carve  out  the inside  of the lemon

-  Add  food colouring

-  Fill  with  baking  soda

-  Poke  with  a knife  to mix

-  Watch  it explode

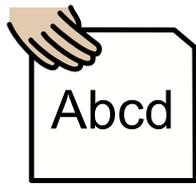
-  Try  with  different  citrus fruits  -  which  is the best  volcano?



ROSEHILL  
SCHOOL

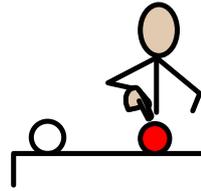


Useful



words

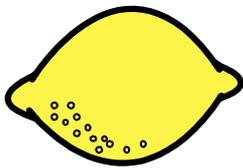
for



this



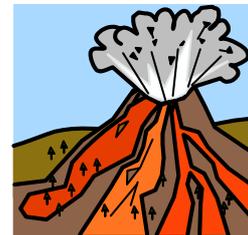
challenge



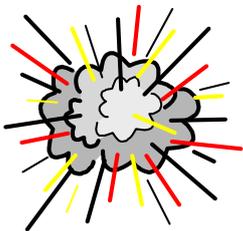
lemon



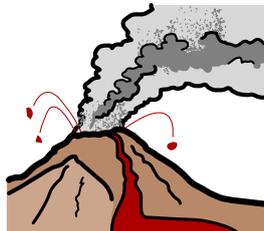
experiment



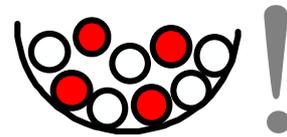
volcano



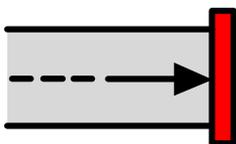
explode



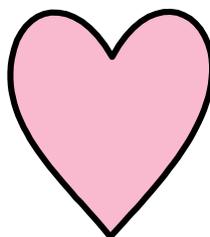
erupt



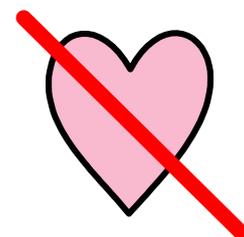
more



finished



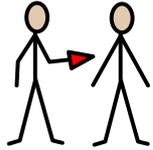
like



don't like



How



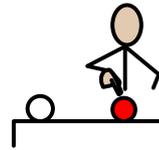
you



might



present



this



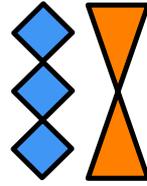
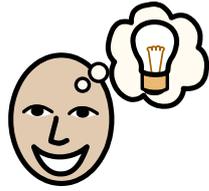
work

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

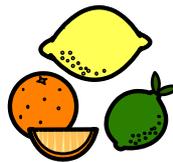
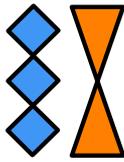
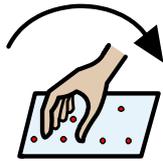
If you used different citrus fruits  
which worked best?



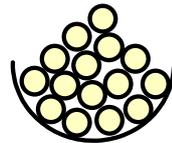
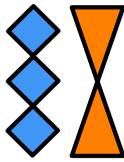
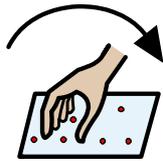
**ROSEHILL**  
SCHOOL



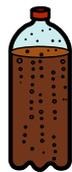
Ideas for differentiation



● Try different citrus fruits.



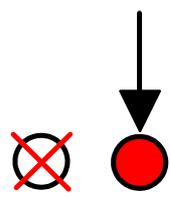
● Try different amounts of



baking soda



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Other



useful



information

Please use the following website to view what  
you are doing

<https://www.youtube.com/watch?v=CPOKDru-2ug>



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