

Your @home tasks: Science Fair

Magnifying with a glass of water

Hold up a newspaper or magazine picture behind the glass of water. Move the glass and see if you can get the picture to appear bigger. Can you get the picture to reverse? Do the same thing looking at your fingertip. Can you see the lines on your fingertip? This is called your fingerprint. Look at your grown-ups' fingerprint. Is it the same as yours? Can you get your finger to reverse?



Kissing balloons

Inflate two balloons to about the same size and tie them off. Tie a 30 cm length of string to the neck of each balloon. Hold the two balloons by their strings about 5 cm apart and in front of your face. Now take a deep breath and blow between the balloons and try to blow them apart. Can you do it?



Raw or Boiled?

Write '1' on one egg and '2' on the other (the adults will know which egg is boiled and which egg is raw but don't tell the children). Ask the children to try to decide which egg is boiled and which egg is raw by looking, shaking, smelling etc but NOT breaking. They can also test if they sink or float in a cup of tap water.



Jump Paper

You will need a woollen sock or glove, plastic comb and some small pieces of torn up tissue paper. Put the woollen sock or glove on your hand and rub the comb on it. Now put the comb next to the pieces of paper and see if they 'jump' or stick to it. Now rub the balloon with the sock/glove and then hold it next to your hair. What happens?



Tornado in a Bottle

Remember the experiment we did with the big bottles to create a tornado? You may not be able to do the exact experiment but why not try this instead?

Get 2 smaller water bottles and fill them to the same amount. Empty the 2 bottles into a bowl (or over some plants or in the garden). Before you do this give 1 bottle a spin so the water is spinning and leave the other one as it is. Ask your child/ren to guess/predict which will empty the quickest?

