

Magic Potions

Science Experiment

Kitchens are full of lots of materials that can be used to make magic potions. Have fun making your own magic.

You will need:

- test tubes and holders (if you don't have these, a bowl will work well)
- pipette (a teaspoon will work if you don't have any)
- teaspoon
- food colouring (any colour is fine)
- bicarbonate of soda
- white vinegar



Method:

1. Put a teaspoon of bicarbonate of soda in each test tube.
2. Add a drop of food colouring to each tube.
3. Put the pipette in the vinegar and squeeze the top. You will see the vinegar sucked up into the pipette.
4. Put the pipette over a test tube and squeeze the top.
5. Wait for the magic reaction!

The science:

Vinegar is an acid. When an acid mixes with a base such as bicarbonate of soda, they react and release a gas called carbon dioxide. This is what causes the fizz.

Science Experiment

Magic Potion

Be careful when mixing the potion.

You could experiment with different amounts of bicarbonate of soda and vinegar to see if you get a different outcome.

Does the amount of food colouring change what happens?



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