

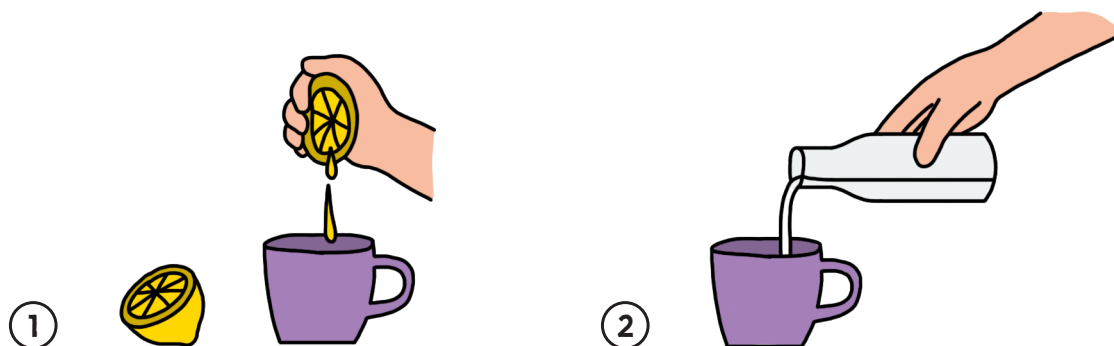
# INVISIBLE INK

Send secret messages to your friends with this easy invisible ink recipe.

**You will need:** • Knife • Lemon • Cup  
• Cotton-wool bud or paintbrush • Paper

## IT'S NO JOKE!

During World War I, German spies living in Britain used fruit-juice inks to send each other hidden messages. When they were eventually captured, they became known as 'The Lemon Juice Spies'.



1 Ask an adult to cut a lemon in half. Squeeze the two halves as firmly as you can over a cup to catch the juice, and then remove any pips. Careful you don't get any lemon juice in your eyes!



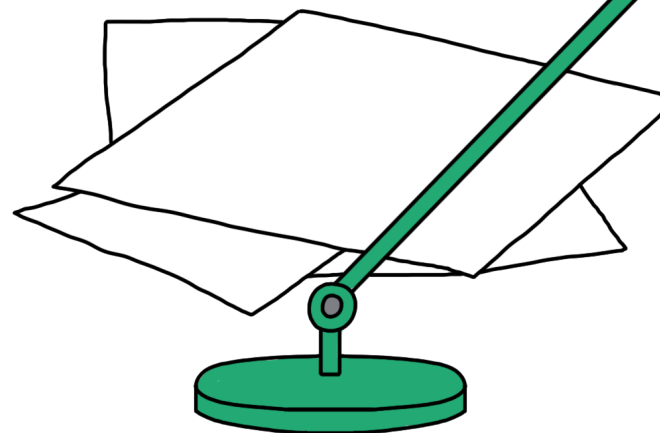
2 Mix the lemon juice with water – half and half.



3 Dip a cotton-wool bud or paintbrush in your invisible ink and write a message, or draw a picture, on a piece of paper and leave the paper to dry.



4 If you want to, you can also fold and crumple the paper to disguise any crinkles caused by the ink wetting the surface.



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To reveal the secret message, simply hold it up to a heat source, such as a hot radiator or light bulb. The heat causes chemicals in the ink to turn brown, allowing you to read what was written. You can even get a grown-up to iron it for you – provided you can trust them to keep it a secret!

**Top tip!** You can make other invisible inks using onion juice and even diluted milk!