

MAKE  
YOUR  
OWN..

# INVISIBLE INK

Need to send a message to your friends, but don't want anyone to read it?  
Then raid your fruit bowl for some lemons or grapes and make your self  
some invisible ink!

- Paper
- Lemon Juice
- Paintbrush
- Heat source

YOU'LL  
NEED

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## USING A LEMON...

Squeeze the lemon into a cup to get the juice [or use bottled lemon juice]

Dip your paintbrush into the lemon juice and paint your message on the paper.  
It will go invisible as it dries

When you're ready to read your invisible message, put the paper on a radiator, or get an adult to iron over it with a warm iron

The heat will cause the writing to turn brown so your message can be read!

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- Bicarbonate of soda
- A mug of cold water
- A few red grapes
- Paint brush
- Paper

## USING RED GRAPES...

Put one tablespoon of bicarbonate of soda into a mug of cold water and stir

Dip your paintbrush into the solution and paint your message on the paper

Let the paper dry

When you're ready to reveal your message, rub a red grape over the paper and watch what happens

Can you work out what's going on?  
Of the red grape and the bicarbonate of soda which do you think is acidic and which is alkaline?

## EXPERIMENTS

Disclaimer: Please follow the instructions carefully. This is for your own safety and the safety of others. Do not improvise or change the quantities or actions or the order in which each step in the experiment is listed

SCIPPOD  
ONLINE

