

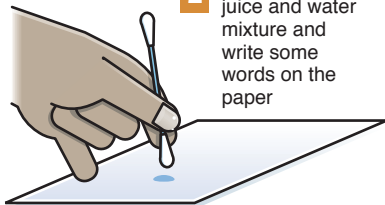
Invisible messages

Here's how to write a message that can only be read by a person who knows the trick to making your words appear.

Try This



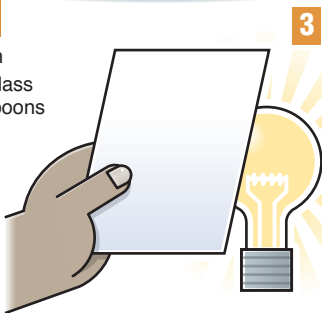
1 Squeeze lemon juice into water and mix



2 Dip swab into juice and water mixture and write some words on the paper

You'll need

- Half of a lemon
- Cup or small glass with four tablespoons of water in it
- Cotton swab
- White paper
- Electric lamp
- Milk



3 Let the paper dry well

Show it to someone and ask if he or she can see a message on it



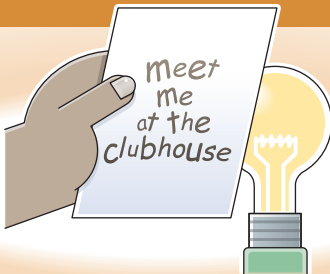
4 Hold paper close to light bulb to heat it

Can you see the writing now?

What happened?

Lemon juice is clear, but it contains chemicals that contain carbon

The chemicals break down easily when they are heated, and the carbon makes them turn a dark color



Repeat the experiment, and write with milk on the paper

Does it become visible when heated?