



Instruction sheet



More Iodine experiments

Part A – Disappearing messages

- 1) Place a piece of filter paper on top of a piece of paper towel.
- 2) Dip the tip of a cotton bud into the iodine solution bottle, and write or draw a message onto the paper.
- 3) Using a second cotton bud, dip into a dilute solution of ascorbic acid, and draw over the top of your writing. Observe what happens.

Part B – Fingerprinting

- 1) Press your thumb print onto a strip of paper (you might want to rub your fingers through your hair first to get them a bit oily).
- 2) Place the paper strip into a Schott bottle that contains solid iodine and close the lid.
- 3) Leave it to rest for approximately one minute.
- 4) Remove the paper strip from the bottle using tweezers and look at it carefully.

