

lemon juice as invisible ink

Kids can write secret messages and surprise each other with this simple science project.

All you need is a few household objects and an eye for mystery.

The carbon molecules in lemon juice oxidise and turn brown when heated, making secret messages appear out of thin air.



supplies

- Lemon
- Water
- Cotton bud
- Paper
- Spoon
- Bowl
- Lamp

instructions

1. Add some lemon juice to a bowl along with a few drops of water. Mix well.
2. Dip the cotton bud into the mixture and write a message onto the paper.
3. Wait until the writing becomes completely dry and invisible.
4. To unveil the secret message, warm the paper by holding it near to a light bulb.

