

## Experiments to try at home!

**Note:** Make sure you have an adult to help you when trying these experiments!

### Read a message in invisible ink!

#### You will need:

- 🧴 ½ a cup of water
- 🧴 Ear buds or a small paintbrush
- 🧴 ½ a cup of surgical spirit
- 🧴 1 tablespoon of bicarbonate of soda
- 🧴 White paper
- 🧴 1 teaspoon of turmeric
- 🧴 2 disposable cups

#### What to do:

1. Mix the water and bicarbonate of soda in a cup and stir together. This is your invisible ink.
2. Dip the ear bud or paintbrush into the invisible ink and use it to write a message or draw on the paper.
3. Let the paper dry.
4. While you are waiting, add the turmeric to the surgical spirit in the second cup and mix well in order to make your colour-changing solution.
5. Use the paintbrush to apply the colour-changing solution to the paper to reveal the secret message.

