

WHAT YOU NEED

Food:

malt vinegar

bicarbonate of soda

Equipment:

2 small plastic bottles

measuring jug

teaspoon

funnel

2 balloons

Solids, liquids, gases

WHAT TO DO

- 1 Add 50ml vinegar to the water bottle.
- 2 Using a funnel, add 2 teaspoons of bicarbonate of soda to the balloon.
- 3 Carefully fit the balloon on to the top of the bottle. Then lift it up to so that the soda falls into the bottle. Watch what happens!

WHAT IS HAPPENING

When the solid (bicarbonate of soda) is mixed with the liquid (vinegar), carbon dioxide (a gas) is produced. It is the carbon dioxide that make the balloon inflate.

