



MAGIC MILK-BOTTLES

How can an egg be made to go through the neck of a bottle?

WHAT YOU NEED

- ◆ A milk bottle
- ◆ Scrap paper for burning
- ◆ Matches
- ◆ Water-bomb (filled)

WHAT TO DO

1. Set fire to a small piece of newspaper, drop the lighted paper into the bottle and immediately put the water bomb on the mouth of the bottle. It will then get pulled in (emitting a divine and slightly rude noise) to general gasps of amazement all round.
2. It also works with a hardboiled (shelled!) egg. But it's easier to get the water-bomb out of the bottle when your finished, and the water-bomb is supposed to make a ruder noise (not that we'd care about that).

WHY

The burning paper burns away some of the oxygen thus creating a partial vacuum in the bottle (that is, the air inside the bottle shrinks). As the air pressure outside the bottle is now greater, the balloon gets forced into the bottle.

