

Magical Movement?

There's just time for one final 'magic' trick to wow your friends with! A super simple but mysterious experiment to finish things up!

What do I need:

- A balloon
- An empty drinks can

WARNING: This experiment may mess up your hair!

How do I do it?

STEP 1 - Blow up the balloon and rub it on your hair (or a woolly jumper) until you can feel the balloon pulling on your hair.

STEP 2 - Check that you're ready. Once you've rubbed the balloon on your hair enough you should be able to stick it to the wall and it not fall down.

STEP 3 - Lay a drinks can on its side on a flat smooth surface and put the balloon near to the can and then move it away in a pulling motion.

STEP 4 - Watch in amazement as the can rolls after the balloon. Then stop being amazed and have a think about what's going on!

What's going on?

This experiment is all down to the wonders of static electricity! Rubbing the balloon on your head creates a build up of charge.

Then you put the balloon next to the wall and this charge is attracted to the opposite charge on the wall. This creates an attraction that is strong enough to overcome the gravity trying to pull the balloon down to the ground and that's what keeps it in place!

More Fun Please - Experiment like a real scientist!

- How long will a balloon stay stuck to the wall for?
- Does it work with all types of drinks can?
- What happens if you only rub the balloon a little bit?
- Try using two balloons at the same time, what happens?

