

Term 3 Science Challenge

STATIC ELECTRICITY EXPERIMENT – JUMPING FROGS



Have you ever had a static shock from a shopping trolley or an escalator? This is caused by something called **static electricity**.

Static electricity is what makes your hair stand on end when you rub a balloon on it. This happens when an atom gains or loses an electron.

A fun way to demonstrate static electricity is by making jumping frogs.

What you need:

- Balloon
- Paper, cut into shapes. You could use sugar paper, but tissue paper would also work brilliantly.
- Woolly jumper or hair

Method

Cut up your different types of paper into frog shapes (or anything else you want to make jump)

Blow up your balloon, and rub it on your jumper or hair. Hold above the frogs, and watch them jump up.

HAVE FUN!

Write your observations and send photos of your work to –

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