

STATIC ELECTRICITY



Jumping Leaves

You'll need:

Balloon

Hair or wool jumper

Tissue paper - cut into
leaf shapes



Instructions

Rub the balloon on your hair or jumper.

Hold the balloon over the tissue paper leaves and watch them jump up to the balloon.

Why does this work?

Rubbing the balloon on a wool jumper or hair charges it with static electricity. This attracts the tissue paper making it jump up to the balloon where it will stay until the charge wears off.

Challenge

Try again using thicker paper, does the tissue paper still stick to the balloon?

If you rub the balloon on your hair for longer does the tissue paper stick for longer?

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Adult supervision required. You are responsible for your own safety.

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