

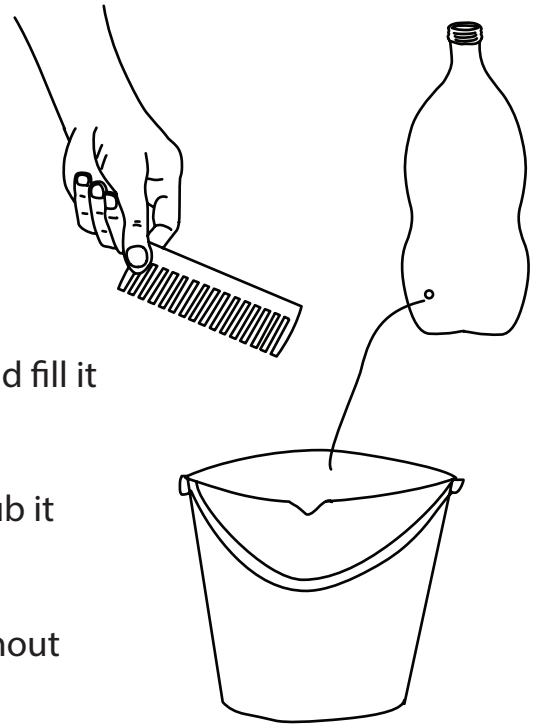
Static Electricity Activity 7

Equipment:

A plastic comb, hair or woollen material (a scarf is ideal), a bucket, a large plastic bottle, water.

Method:

- 1) Pierce a small hole near the base of a 2L plastic bottle and fill it with water.
- 2) Run the comb through long hair a number of times or rub it against the woollen material in one direction.
- 3) Quickly hold the comb near a thin stream of water. (Without touching the water) What happens?



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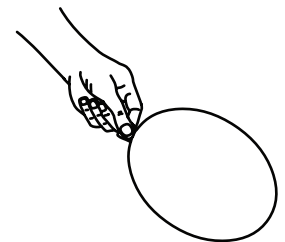
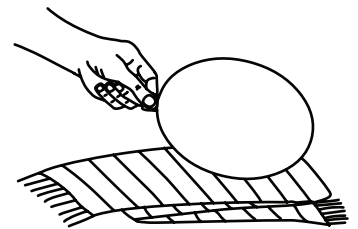
Static Electricity Activity 8

Equipment:

An inflated balloon, woollen material (a scarf is ideal)

Method:

- 1) Rub the balloon vigorously, in one direction against the woollen material.
- 2) Bring the balloon near to a friend's hair. What happens?
- 3) Try the experiment again with a different person's hair. Does the result change with straight, long, short or curly hair?



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