



Balloon Static Electricity Activity

Materials

- Balloons
- String or a thread
- Woollen fabric
- Tissue Paper
- Aluminium cans



[Original source link: Lourdes University](#)

Instructions

Experimenting with static electricity using balloons.

1. Split everyone up into pairs or individuals and have them blow up 2 balloons. Tie the string or thread to one of the balloons so you are able to hold the balloon up without directly touching it.
2. Hold the balloon over the second balloon, aluminium can and tissue paper and observe what happens.
3. Rub the balloon over a piece of woollen fabric or your hair and then hold the balloon over the materials. How do they act now the balloon is charged with static electricity? You may need to rub the balloons on the woollen fabric or your hair multiple times over the course of this experiment.
4. Discuss how the static caused the materials to behave versus when there was no static on the balloon. How does static charge work? Are there some materials that it doesn't affect?