

# Levitating Ring

## You will need:

- Balloon
- Plastic bag (the sort you get loose fruit and veg in)

1. Cut your plastic bag in a strip so you end up with a ring.
2. Blow up and tie a balloon.
3. Rub the balloon for 30 seconds on your clothes or hair.
4. Flatten the plastic ring on a hard surface and gently rub the on the ring for 30-45 seconds with a dry cloth.
5. Hold the plastic ring about one foot over the balloon and release it. The plastic ring is levitating!



## THE SCIENCE

Rubbing the balloon and the plastic ring transfers a negative charge to both objects. The band floats above the balloon because the like charges repel one another. If you really want to impress someone, just tell them that it's a demonstration of "electrostatic propulsion and the repulsion of like charge."



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