

Race cans with static electricity

Brief summary:

In this experiment you will race soft drink cans with using static electricity to move the cans across a table.

You will need:

- Empty soft drink can
- Inflated balloon
- Table
- Your hair!

What to do:

Step 1. Place the can on its side on a table.

Step 2. Take the balloon and rub it against your hair in a fast motion.

Step 3. Bring the balloon close to the can but don't let it touch the can. The can will begin to roll towards the balloon on its own.

Take it further:

Have a look at our other static electricity experiments in the *Science at Home Digital Toolbox!*

Big questions:

- Why is the way we make electricity important to our environment?
- How can we save energy at home and at school?



For more information on how you can help our environment, or to make some suggestions of your own, please go to www.coolaustralia.org