
Safety:

Instruments:

- a felt pen
 - scissors
 - balloons
 - sturdy paper
 - a piece of wool
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Experiment:

- Draw a small man on a piece of sturdy paper. Cut out as many figures as you like. Place all of your paper men on a table.
 - Inflate the balloon until it is very large and tie it shut. Rub it thoroughly with a piece of wool.
 - Hold the balloon roughly 10 cm over the paper figures. What happens?
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Advice for the teacher:

The students can see that the static electricity first attracts the figures. But then they are pushed away after touching the balloon. This process repeats itself thanks to cyclical attraction and repulsion forces.

The pupils should learn that static electricity can attract or repel like the poles of a magnet. When an object is charged with static electricity, it forms an electrical field around itself.
