

Investigating Velcro page 2

Write down anything you did to make sure the experiment was a 'fair test'.

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Sometimes you may be able to lift the container for just a few seconds, but then it falls off. Can you make a rule to decide what counts as a successful lift?

I have said that the Velcro lifted the container if

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Finding out how Velcro Works

Run your finger over the two strips of Velcro. What do you notice? Describe the differences between the two strips.

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One of the strips of Velcro is covered in tiny little plastic hooks. The other is covered in fine threads, which make loops. Do you think the piece of Velcro glued to the lid of the container has hooks or loops?

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When you press the two strips of Velcro together, some of the loops catch on to some of the hooks - making it difficult to pull the two pieces apart. Why do you think the Velcro fasteners on shoes work better when your shoes are new than when they are a few months old?

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