

SKEWER A BALLOON

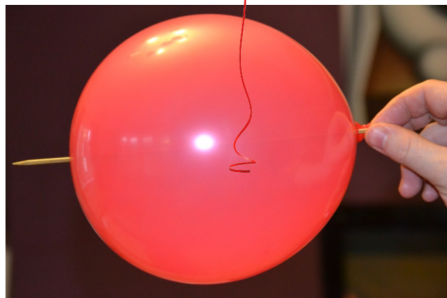


You'll need:

Balloon

Washing up liquid/Dish soap

Skewer



Instructions

Place a little washing up liquid/dish soap on each end of the balloon where the balloon material is thickest. This is where the balloon material is under the least strain.

Carefully push the skewer through the two dish soap coated areas.

Why does this work?

Balloons are made up from long chains of molecules called polymers, which are elastic enough to allow the balloon to stretch.

The polymer chains of the balloon close around the skewer which stops the air escaping and allows the balloon to stay inflated.

Challenge

Try again using clear tape and pierce the balloon through the middle!

