

DO ~~NOT~~ TRY THIS AT HOME

ISSUE #7

Featuring: **Marvin and Milo**

What you need: • a clear plastic bottle • a pen
• a balloon (blow it up a few times beforehand)

Blow up the balloon. Notice air is coming out of the hole.

Watch my amazing balloon trick!

Make a hole in the bottom of the bottle with the pen.

Push the balloon inside and stretch it over the mouth.

Look! It stays inflated!

Cover the hole with your finger and stop blowing.

As the balloon expanded, it pushed air out of the bottle. That made the air pressure inside the bottle lower than that in the balloon, so it wasn't strong enough to squeeze the air out.

Vic Le Billon

www.physics.org keywords: air pressure