

# TOILET PAPER AIR PRESSURE EXPERIMENT!

We have a look at a quick and easy experiment using air pressure to hold water in a bottle using only toilet paper!

Following the instructions below, you create a circumstance where the air pressure outside of the bottle will match the weight of the water, for at least a few moments before the toilet paper is too wet to hold anything. It's a fun way to see air pressure in action!



## MATERIALS

- A SMALL BOTTLE WITH A SMOOTH RIM AT THE TOP
- TOILET PAPER
- BOWL
- WATER

## PROCEDURE

- 1 FILL YOUR WATER BOTTLE ALL THE WAY TO THE BRIM.
- 2 LOWER THE SQUARE OF TOILET PAPER DOWN OVER THE BOTTLE TOP, LETTING IT MAKE CONTACT WITH THE BOTTLE AND THE WATER.
- 3 OVER THE BOWL, FLIP THE BOTTLE AND TOILET PAPER UPSIDE DOWN. IT WON'T TAKE LONG FOR THE WATER TO SOAK THROUGH THE PAPER BUT YOU HAVE A MOMENT TO SEE THE EFFECTS OF AIR PRESSURE HOLDING EVERYTHING IN PLACE!

