


GRAVITY FREE WATER



What goes up must come down right? Well try bending the rules a little with a cup of water that stays inside the glass when held upside down. You'll need the help of some cardboard and a little bit of air pressure.

WHAT YOU'LL NEED

 A glass or shot glass

 A piece of cardboard or playing card

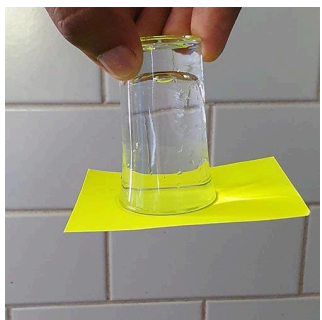
HOW TO DO IT:



Fill the shot glass right up to the top



Place the cardboard across the top of the shot glass, hold it down with your finger. Ensure there are no gaps. Then turn the glass over.



If all goes to plan then the cardboard and water should stay put. Even though the cup of water is upside down the water stays in place, defying gravity!

WHAT'S HAPPENING?

With no air inside the glass, the air pressure from outside the glass is greater than the pressure of the water inside the glass.

The extra air pressure manages to hold the cardboard in place, keeping you dry and your water where it should be, inside the glass.

