

Anti-Gravity Ping-Pong Ball

- What you need:**
- Water
 - Ping Pong Ball
 - Small Bottle



Steps:



1, 2, 3, 4. Pour some water into the bottle, then place the ping pong ball on the opening. Using your fingers to keep the ping pong ball in place, flip over the bottle so that the opening is facing down.



5, 6, 7. Try this activity with a variety of bottles. Do the results change depending on how much water is in the bottle? What about the size of the opening of the bottle? Talk about this with your child.

****** This fun activity works because the water in the bottle helps create a seal around the ping pong ball, and the air pressure (the force created by the weight of air) is greater than the forces pushing and pulling down on the ping pong ball.