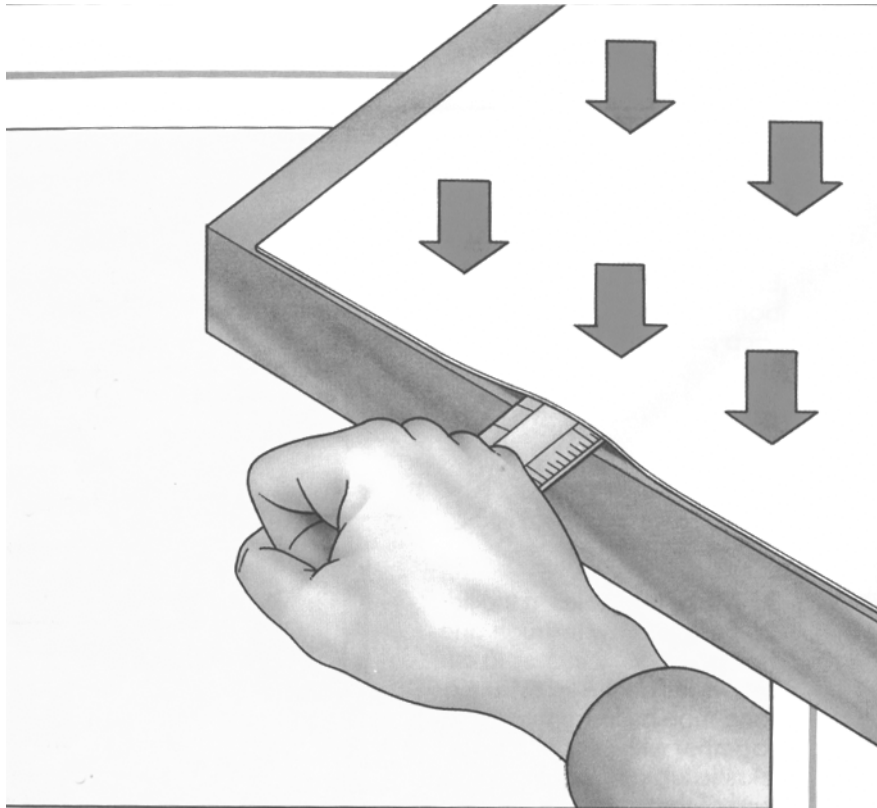


## The Power of Air

**Purpose:** To show atmospheric pressure and the pushing power of air.

**Materials:** Large sheet of paper, a table and a ruler.



**Demonstration:** Lay the ruler on the table so about one third of it lies over the edge. Spread the paper over the ruler. Now hit the ruler and try to make the paper fly into the air.

Air presses down on the sheet of paper. Because the paper has a large area, there is a lot of air pushing down on it and this is enough to stop the paper and ruler from moving.

**Helpful Hints:** Don't hit the ruler too hard, or it might break.