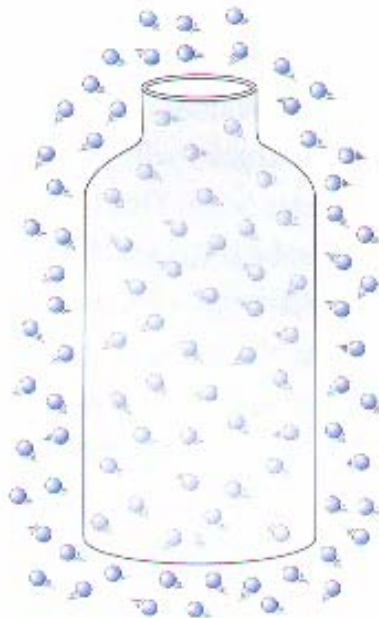
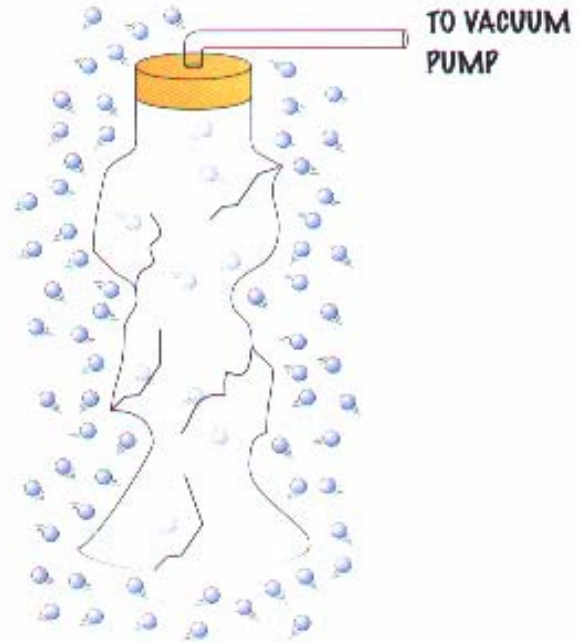


COLLAPSING CAN EXPERIMENT

Here on earth we live at the bottom of a 'sea of air'. All around us gas particles are constantly hitting us and everything else in their way. The ball above would have gas particles constantly hitting its outside surface. As this experiment shows these gas particles can have a devastating effect if they are not opposed.



AIR IS NOW REMOVED FROM
THE CAN USING A PUMP.



Normally the number of gas particles hitting the inside of the can is the **SAME** as the number of particles hitting the outside of the can. They cancel each other out and there is no effect on the can.

As the air inside the can is removed the number of gas particles hitting the inside of the can is **LESS THAN** the number of particles hitting the outside of the can. This difference causes the can to 'collapse'.