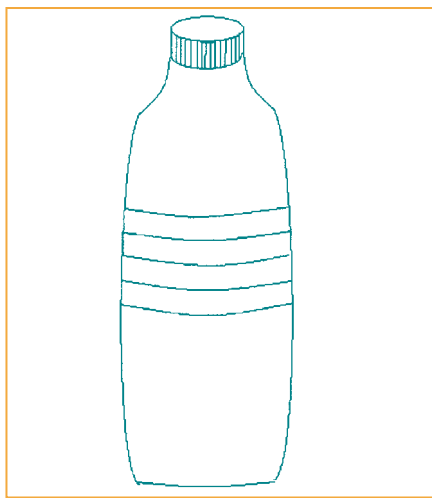


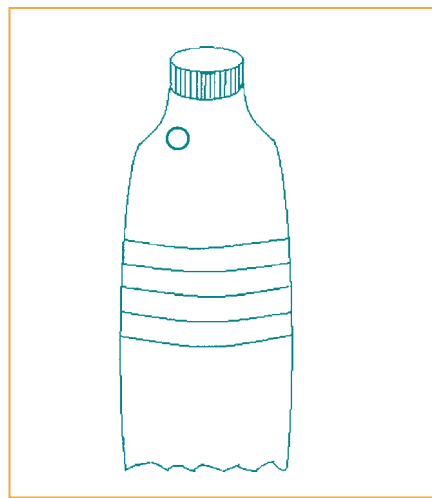
P R E S S U R E 1

Demonstration of atmospheric pressure

Cut the base off a plastic water bottle but keep the lid screwed tightly on.



Cut out a small hole (that can be closed off using your forefinger) near the lid.



Place the bottle in a larger non-transparent container filled with water.



Lift the bottle slowly out of the water with the hole at the top uncovered.

The bottle appears empty.

Lift the bottle slowly out of the water with your finger covering the small hole at the top and the bottle appears full.