**Pressure in liquids**

A liquid exerts pressure on anything immersed in it. In a swimming pool, the oceans, or any open container, this pressure is due to the weight of the liquid pushing down from above. The pressure always increases with depth. Atmospheric pressure acting upon the liquid's surface must be also be added to find the total pressure at any depth.

All six faces of a cube submerged in a liquid are pushed towards the centre of the cube by the pressure of the liquid. The pressure of the liquid acts equally in all directions, not just downwards.