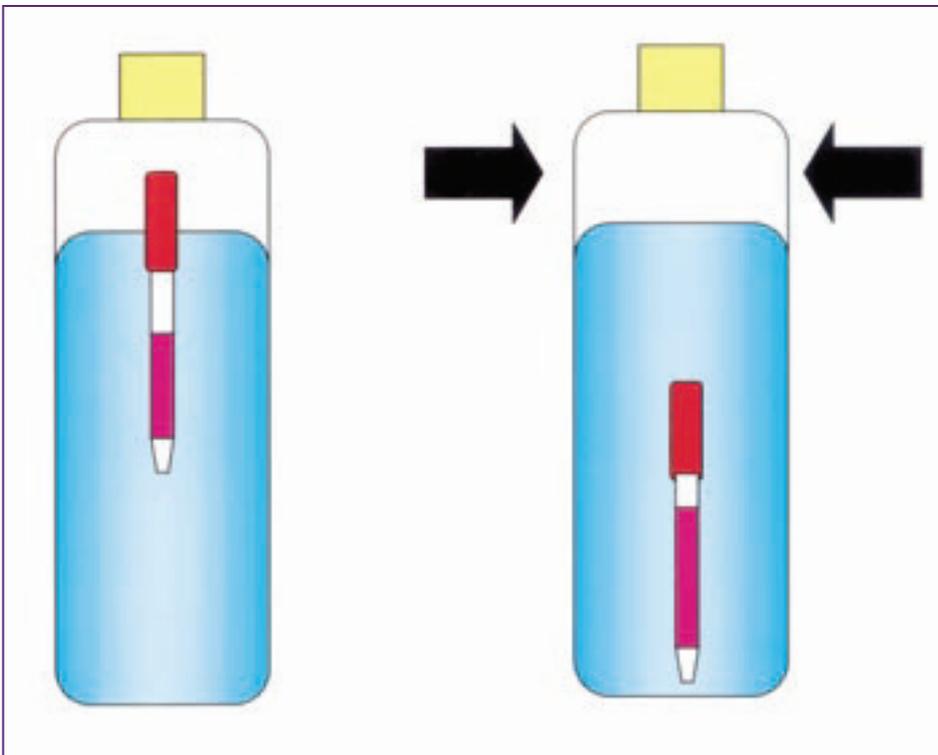


## ***Cartesian diver using dropper and food dye***

**IRELAND:**



Fill the dropper with as much coloured water as possible.

When you squeeze the shoulders of the bottle you will see the dye expand.

The trapped air above it compresses.

The density of the diver increases and it sinks.

Release the pressure and it floats back to the surface.