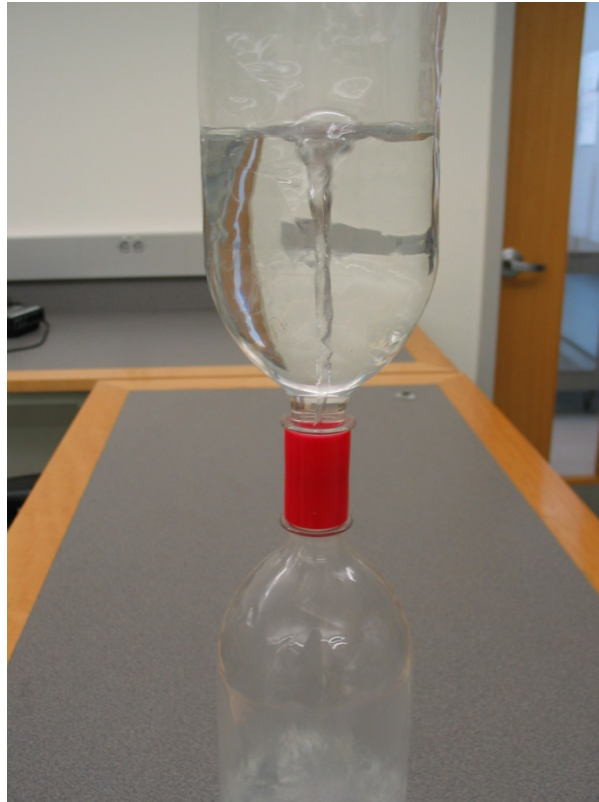


Tornado Tube



Purpose: To demonstrate a vortex and the low pressure “funnel” that occurs at its center

Location: room 136, shelf O5

Invert the bottle and swirl the water around several times to create a good vortex. Observe the formation of a funnel-shaped depression of the surface in the center, implying a region of low pressure there. It’s also interesting to observe how the water issuing into the lower bottle “sprays” outward, going along the wall of the bottle instead of straight down.

Booklet describes many more possibilities.