

Pop-Bottle Fountain



Purpose: Demonstrates the compressibility of air by water. Mostly, this is just fun. It is good for discussion though.

Note: How it works: as the upper bottle drains through the lower tube, the air in the lower bottle is compressed. As this air escapes upward through the upper tube, some of the (upper) water is drawn in through holes at the tube's base. This water gets carried along with the air and squirts out the top.

Extra Equipment: None

Location: Shelf E1