

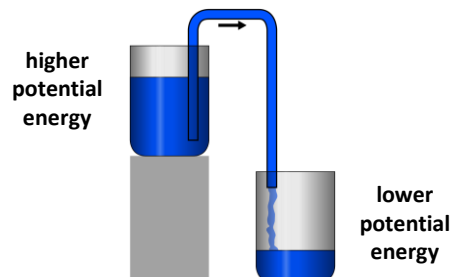
What you will need:

- Two large bowls
- Clear plastic tubing
- Food coloring
- A step stool (or you can use the countertop and floor)
- Safety glasses and goggles

Siphoning

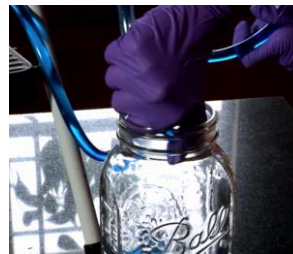
Overview and Objective

Water flows from higher pressure to lower pressure. When liquid is sucked up the tube, the force of gravity continues to pull the liquid through the tube, even upward, in the effort to flow to the low pressure area.



Procedure:

1. Put your two bowls on surfaces of differing height, such as the floor and countertop.
2. Fill the bowl on the higher surface with water.
Optional: add food coloring to better view the flow of water.
3. Fill the tube with water by sucking from the other end. Plug it with your finger once it's filled.
4. Put the plugged end over the lower bowl and let the water siphon out.
5. Try raising the center of the tube over both bowls, making sure the ends of the tube stay in the water!



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