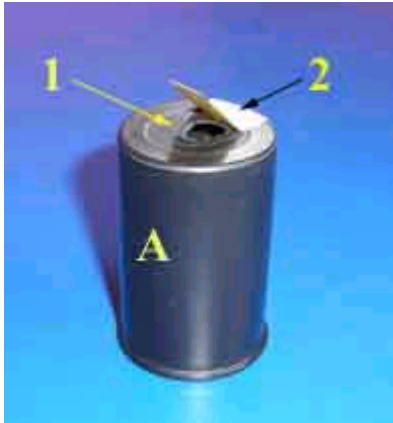


Film Can Balloon Pump

You can inflate and pop a balloon with this pump! It is very simple to make.



Take a Film Can (A) without the lid. Make a 5-8 mm hole in its base (1). Take 3-cm long sticky tape. Stick the tape on itself for 5 mm. There would be no glue on this end. Then stick the rest of the tape on the bottle base.



Take another Film Can (B) with the lid (C). Make a hole in the lid and stick a valve as earlier.



Make a hole on the cylindrical surface of (B) and press fit a gel pen old refill (D). This will be the **Delivery Pipe**.



Shut the lid (C) on Film Can (B).



Now take a 15-cm piece of old bicycle tube (E) .
Push (A) in the tube with the base end first.
(Cut view showing the valve in A)



Push (C) with the Film Can (B) from the other end of the bicycle tube.



Now hold a balloon tightly to the mouth of the Delivery Pipe.
Push the pull Film Can (A).
The bicycle tube acts as a bellows.

Soon the balloon will inflate. **You can pop it too!**

This pump is based on the discovery that old cycle tubes fit very snugly into Film Cans.

This is a low-cost, educational and efficient pump.