Inertia Valve Pump

2 cm diameter, 25 cm long PVC pipe

Film roll can with lid

Cello tape
With the help of scissors make a 0.5 cm diameter hole in the centre of the lid.

Cut a hole in the base of the can to just fit the PVC pipe.
Make a cello tape valve:
Take a 3m long cello tape piece.
Fold 1 cm sticky part on itself.
Stick glued part to the lid as shown.
Test It!

Push PVC pipe in the can as shown

And Then...

Move the pump up and down in water vigorously. At every stoke, some water will rise in the pump and will squirt out in 3 or 4 strokes.
A variation

Seal upper end of the pipe with cello tape

Push the refill in

Pump in action!

Move the pipe up and down vigorously