1. Cut an empty toothpaste tube 4 cm from the open end. Wash well to remove any sticking toothpaste.

2. Fix a balloon on the threaded mouth of the tube.

3. Cut the balloon as shown. The cut balloon will act like a valve.

4. Make a hole near the closed end of the tube. Insert a stiff straw in the hole as the delivery pipe.

5. Insert the balloon valve in the open tube. This will complete the pump.

6. Hold the pump vertically and move it up-down in a mug of water. After a while, water will squirt out from the delivery pipe.

The cut balloon will act like a valve. There will only be one way traffic. Water will flow upwards from below but not the other way round.