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Toys from Trash
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✅ Step-by-Step
Photo Guide

✅ Detailed
Worksheet

View One Minute Video at:
http://www.youtube.com/watch?v=VQx-7omTd48
Thread

Piece of bicycle spoke

Transparent ball point pen case

Ball point pen refill piece

Bicycle ball bearing
Make a hole in the case with a pointed scissors or with a heated needle to just fit the refill.

Make a hole in the pen case cap with scissors to loosely fit the spoke.
Make a piston by winding a thread on the spoke. The piston should loosely fit in the ball pen case.
Move piston up and down to draw up water.

Pump in action.
1. You will need a Him can (Cyinder) and a botlle cap.

2. Make a hole in the botlle cap.

3. Stick a plastic head. The head should pop / close on the big hole. This capp thing if (Piston) cycle spoke, hims, him cap.

4. Fix the Cylc spoke to the cap with two nipple.