Arvind Gupta
Toys from Trash
www.arvindguptatoys.com/toys.html

Step-by-Step
Photo Guide

View One Minute Video at:
http://www.youtube.com/watch?v=0IJ83h4kNFs

Bottle & Coin Pump
Toys from Trash

Step-by-Step Photo Guide

Plastic mineral water bottle with lid

Cello tape

Coin

Make a hole in the lid
Drop the coin in the lid

Size of the coin should be such that it covers the hole completely, and when the lid is screwed to the bottle, is free to move.

Hole at the base of the bottle

Make a cello tape valve:
Take 3 cm piece of cello tape.
Fold 1 cm sticky part on itself.
Stick glued part to the bottle over the hole as shown.
Dip the lid of the pump in water, squeezing and releasing repeatedly to fill the pump.

Pump in action!