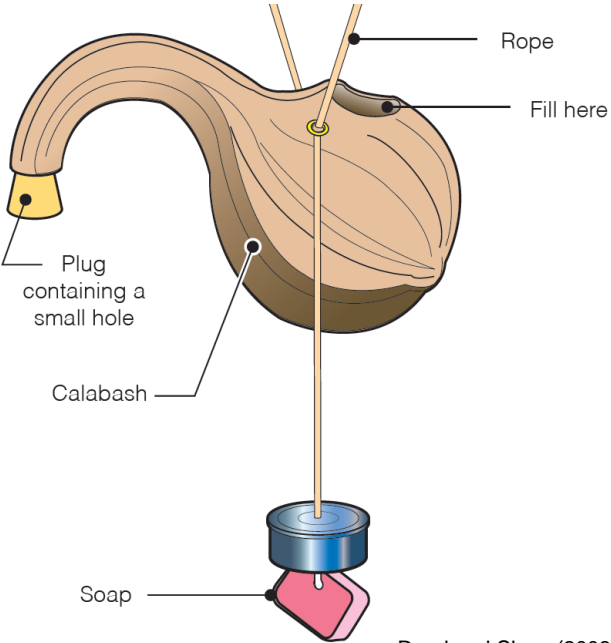


# Handwashing



Reed and Shaw (2008)



# Handwashing

**Suitable for: all, especially people with weak legs or the use of only one hand**

## Construction

## Advantages

## Disadvantages

## Improvements/ variations

## Cost/ labour

**5L jerrycan with hole(s) pierced near the top, hung from a rail. Jerrycan is tipped by pressing a foot on a stick attached by a string to the lid.**

- Easy to construct using local materials

- Difficult to use if person cannot use their feet

- Needs to be regularly filled with water

Low

**Suspended gourd; large hole for filling, small hole in plug for pouring**

- Locally available
- Easy to make

- Not very durable

- Needs to be regularly filled with water

Low

**Cut-away jerrycan; water is scooped out with a 'ladle' made of a plastic aerosol lid fixed to a stick**

- Made with locally available materials
- Operated with hands instead of feet

- Open to contamination

- Put lid or cover on top, e.g. using cut out section of can
- Ladle could be pierced with holes so water trickles out when it is suspended. It can then be used with one hand.

Low

**1L plastic bottle with ballpoint pen casing inserted via a hole near the bottom. Water flows when lid is loosened, stops when lid tightened.**

- Easy to make using locally available materials
- Operated with hands instead of feet

- Needs constant refilling
- Difficult to refill
- Bottle top gets lost

- The bottle could be replaced with a jerrycan to reduce the frequency of refilling, as long as the lid was tight-fitting.

Low

