

HOW TO PROTECT YOURSELF FROM THE CORONAVIRUS



- Keep 2 metre distance from others
- Wash your hands frequently with soap
- **BUILD A TIPPY TAP**
- an easy, cheap and safe hand washing stand

INTRODUCTION

This step-by-step guide describes how to build a tippy tap, a simple homemade handwashing stand with running water.

The Tippy tap consists of a 5-liter container hanging on a horizontal stick. The container can be tipped by pulling a rope through the cap. The rope is attached to a stick lying on the ground, which is pushed down by foot.

MATERIALS NEEDED:



1. Two wooden branches of 1.1-metre length, with Y-shaped end (*in case you can't find a Y-shaped wooden branches you can use any wooden branches or Creo poles provided you properly tie the ends with a rope or wire*).
2. Two thinner sticks of 1-metre length.
3. A saw or mesheti (panga) to cut the wood.
4. A nail
5. Lengths of rope
6. A 5-liter container
7. Liquid handwashing soap or a piece of soap
8. A bag of stones or gravel (locally available)

Please turn over for the step-by step guide



STEP-BY-STEP GUIDE

1.

PREPARING THE STAND

Take two pieces of wood or metal, about 1.1 metres long each. Cut two thinner branches, each 1 metre long. Attach a piece of string of 1 metre length to one of the sticks.

2.

MARKING THE HOLE



Mark the location for the hole on the container, around 12cm below the cap.

3.

HEATING THE NAIL



Hold the nail with a pair of pliers.

4.

MAKING THE HOLES



With a hot nail, make a hole in the container, and a second hole in the cap.

5.

INSERTING THE ROPE



Put the rope, which is attached to the stick, through the hole in the cap.

6.

KNOTTING THE ROPE



Tie a knot at the end of the rope which cannot pass through the hole.

7.

PUTTING IT TOGETHER



Close the container. The stick is now connected to the container with the rope.

8.

FILLING THE CONTAINER



Fill the container with water up to the level of the hole and add liquid soap.

9.

PUTTING THE POLES IN THE GROUND



Using a shovel, put the poles in the ground to depth of 30cm. The distance between the poles should be at least 70 cm.

10.

HANGING UP THE CONTAINER



Put the stick through the handle of the container and put the stick between the poles. Adjust the length of the rope such that the end of the stick is about 15 cm above the ground.

11.

STONE OR GRAVEL SOAK AWAY PIT



Between the two poles, below the container dig a hole of 50 x 50 cm, and 20 cm deep. Fill the hole with gravel or stone. The water soaks away in the hole and prevents a mudhole from forming. The gravel also keeps mosquitos from breeding.

12.

USING THE TIPPY TAP



Push the stick down with your foot. This tips the container, which makes water run out of the hole. Wet your hands and release the stick. Apply soap to your hands. Push the stick down again and clean your hands.