

This activity contributes to the following badges:



Community Impact Staged Activity Badge



Beaver Creative Activity Badge



Beaver Global Issues Activity Badge



Cub Artist Activity Badge



Cub Global Issues Activity Badge



Scout Artist Activity Badge



Scout Global Issues Activity Badge

Beavers | Cubs | Scouts | Explorers | Network

Make a tippy tap

A Million Hands Get young people thinking about how simple technologies can have a huge impact on people's lives



Activity 1: Thinking challenge

Time: 30 minutes

Equipment

- Tippy tap images
- Tippy tap materials
- Paper and pens
- Scissors

Instructions

1 Show your young people the images of different tippy taps in the A Million Hands WaterAid resource pack. A tippy tap is a simple but clever piece of technology

that can have a huge impact on developing communities around the world.

2 Ask them what they think they would need to make one. Then ask them to make a list and source the materials for the next meeting. (Younger sections may need some more guidance making their lists.)

3 At the next meeting, show the young people the images of the tippy tap

again and ask the section to make their own (you may have to bring spare resources just in case a few forget their materials).

4 Put the young people into smaller groups to test their tippy taps. If it didn't work, why do they think this is?

5 Use the water they tested the tippy taps with to water plants so that it does not get wasted.

To find more resources go to: scouts.org.uk/wateraid

Activity 2: A tippy tap to try

Time: 45 minutes

Equipment (per tap)

- Water container (with a handle)
- String
- 2m forked sticks x 2
- 1m straight sticks x 2
- Bar of soap
- Digging tools
- Nail
- Candle and matches
- Gravel

Instructions

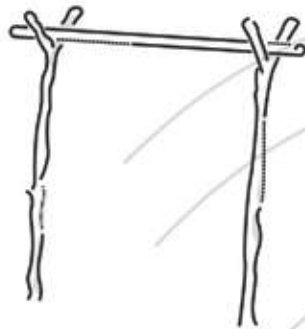
1 Discuss with your young people the importance of hygiene and having access to clean water – something that not everyone in the world has.

2 Divide the young people into several groups. Each group will make one tap in this outdoor activity – the number of people will determine the number of taps you might need.

3 Ask one person from each group to come and get the materials they need to make a tippy tap.

4 The first thing they need to do is make the frame. Ask them to dig two holes 18in deep and about 2ft apart, place the two forked sticks in the holes, then fill the holes with soil and rocks, packing it tightly to keep the sticks upright. One of the shorter sticks is then rested on the forks. If you are in a forest, you could use a level branch instead of sticks.

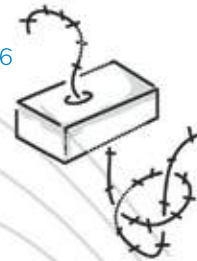
Step 4



Step 5



Step 6



Step 7



Step 8



Step 9



5 Next, support the young people to carefully heat the nail using the candle, so it's sanitised. This is then used to make holes in the water container – one in the front just below the lid, and one on the opposite side.

6 While the nail is still hot, ask them to use it to make a hole in the middle of the soap. Using a piece of string, they should tie one end to the soap and tie the other end onto the horizontal stick.

7 To hang the water container up, the

young people need to remove the lid from the water container, fill the container with water, tie a piece of string around the opening, and then replace the lid tightly. The container can then be hung on the stick. If the stick doesn't fit through the handle, string can be used to attach it instead.

8 The other end of the string should be tied to the final stick, which is placed on the ground, using enough string so that only one end of it is on the ground. It will then work as a lever when the young

people step on it and release it – turning the tap on and off.

9 Once the gravel has been spread underneath for the water to drain through, the tap is ready to use, so ask the young people to test them out by washing their hands.

Take it further

You could follow this activity with the Water Collection Device challenge. Use the A Million Hands resource pack from WaterAid to find this and more activity ideas.