

# How to build a Tip-Tap

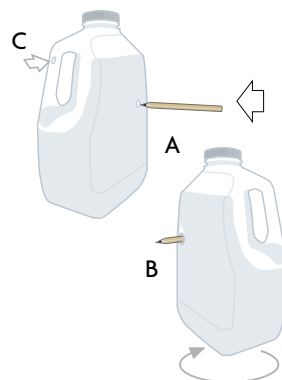
Tip taps are a great way to keep hands clean after using the toilet, handling animals and... gardening! They're a small, but essential part of Send a Cow training in Africa, where diseases can spread easily.

## Building a Tip-Tap

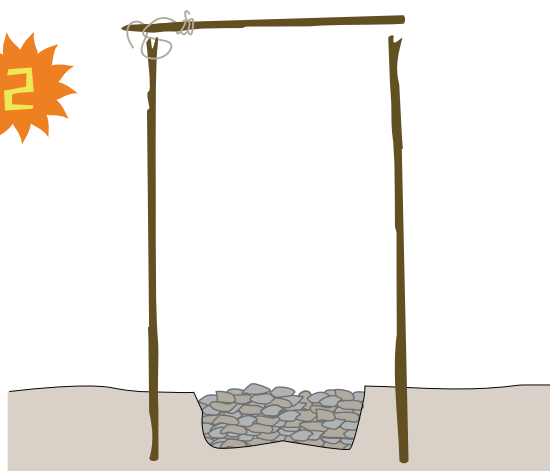
Materials you need before you start:



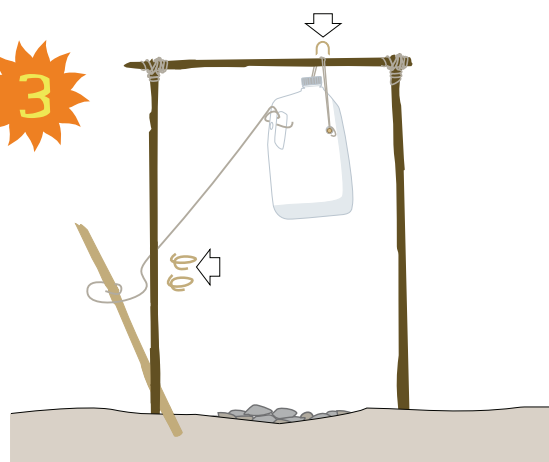
1



2



3



4



5



steps explained overleaf...

## Instructions

Find a good spot for the Tip-Tap, right near your garden. There are many different ways to make one, so feel free to adapt this model - just like Send a Cow families in Africa.



**1** Carefully push the skewer through the sides of the bottle, as shown, and then place the pencil through these holes. Attach a length of string to each end of the pencil, ready to hang it loosely from the top stick. Make a neat hole in the bottle, at point C in diagram 1, and another in the lid to help air flow.

**2** Push one of the 120cm sticks into the ground about 30cm deep if possible. Push the other stick in just under 60cm away - water the ground if it is hard. Dig a small drainage hole between the sticks and fill with stones.

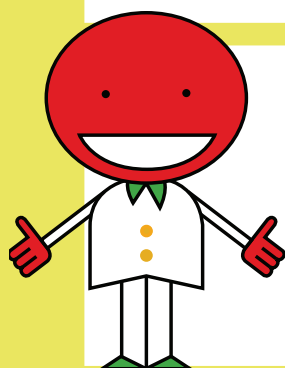
Span the top of the two upright sticks with a 60cm stick, tying with string or using zip-ties - make sure this is sturdy.

**3** Tie a long piece of string onto the bottle handle. Guide this string over to one of the upright canes and tie it fairly loosely with two loops to keep the string in place.

Tie the remaining 60cm stick on the end of the string so that it is suspended 30cm from the ground next to the upright stick and touching the ground away from the structure, making a foot pedal.

**4** Fill up the bottle with water and adjust the string loops until you find a good tipping angle and action. This may take a few tries, so have a spare bottle handy!

**5** You may want to put some extra sticks in the ground to support the main structure. Then add a soap dish and a hand towel for hygiene. Now step on the foot pedal and wash your hands!



-  Try out various ways of making a Tip-Tap and challenge pupils to come up with different ingenious designs - then enter our competition!
-  You can use two canes joined together instead of sticks and experiment where the water pours from on the bottle.
-  For pictures, a sign and other resources to do with Tip-Taps, visit: [www.sendacow.org.uk/africangardens](http://www.sendacow.org.uk/africangardens)

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WINNING TIPS

### Send a Cow

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Email: [info@sendacow.org.uk](mailto:info@sendacow.org.uk) [www.sendacow.org.uk](http://www.sendacow.org.uk)

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(By the way, the sacks we put in all our Starter Kits are completely bio-degradable, so when they are finished with you can cut them up and put them onto the compost heap - and they might find their way into your next Bag Garden!)



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