

# Do-it-Yourself Hand Wash Stations

Access to hand washing for all in times of crisis



1



- ✓ Use mechanisms to **keep hands away** from taps to reduce contamination.
- ✓ An **elbow tap** or a **foot pedal** are methods to avoid hand contact.



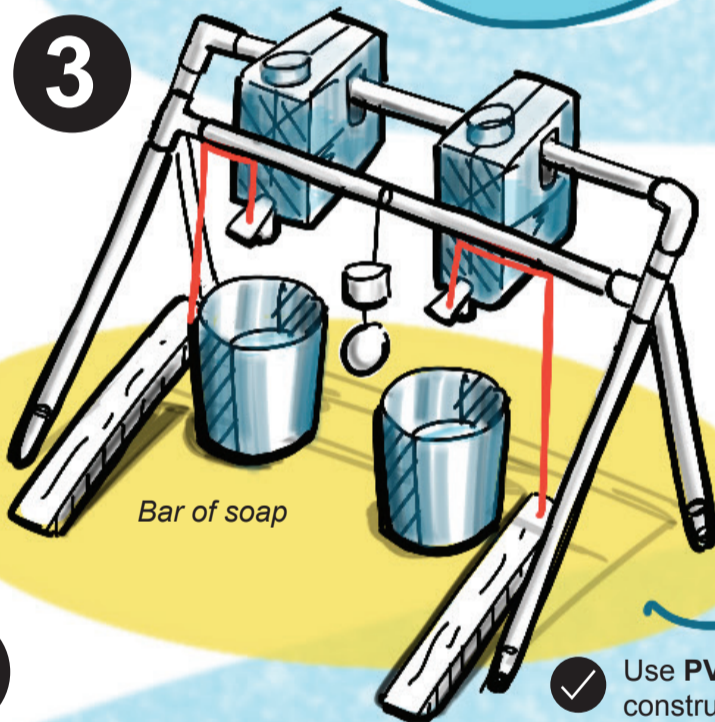
2



Soap dispenser

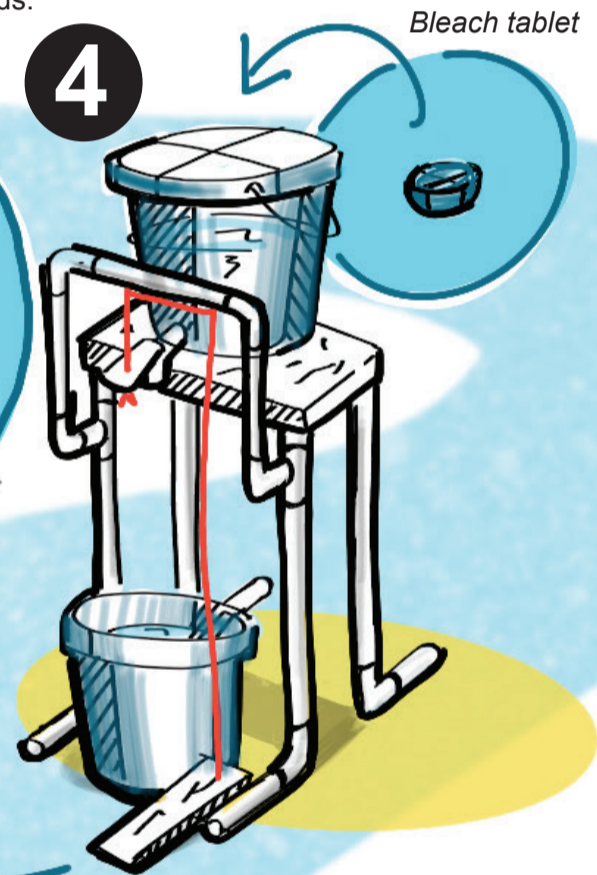
- ✓ Soapy water, a bar of soap or a bleach tablet can be used to clean hands.

3



Bar of soap

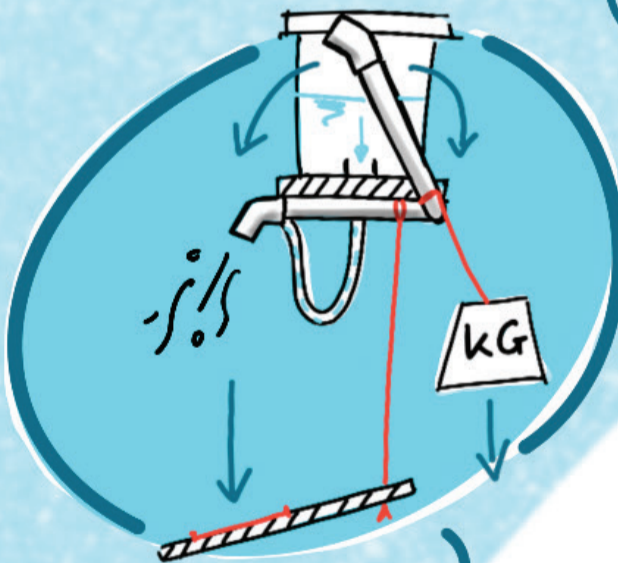
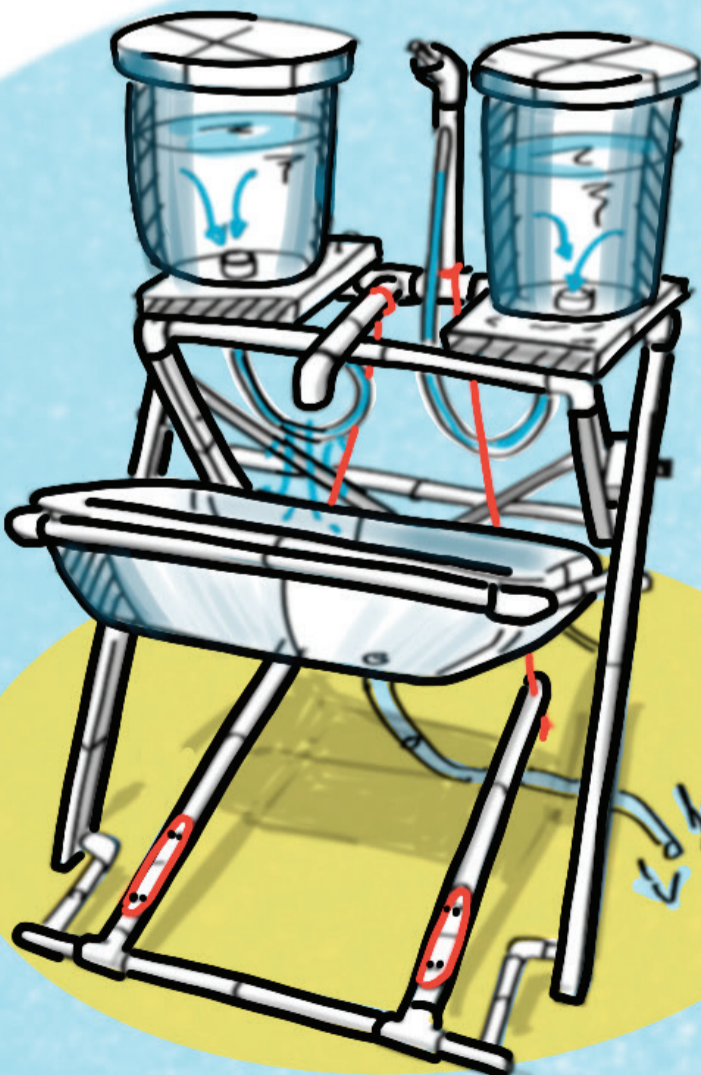
4



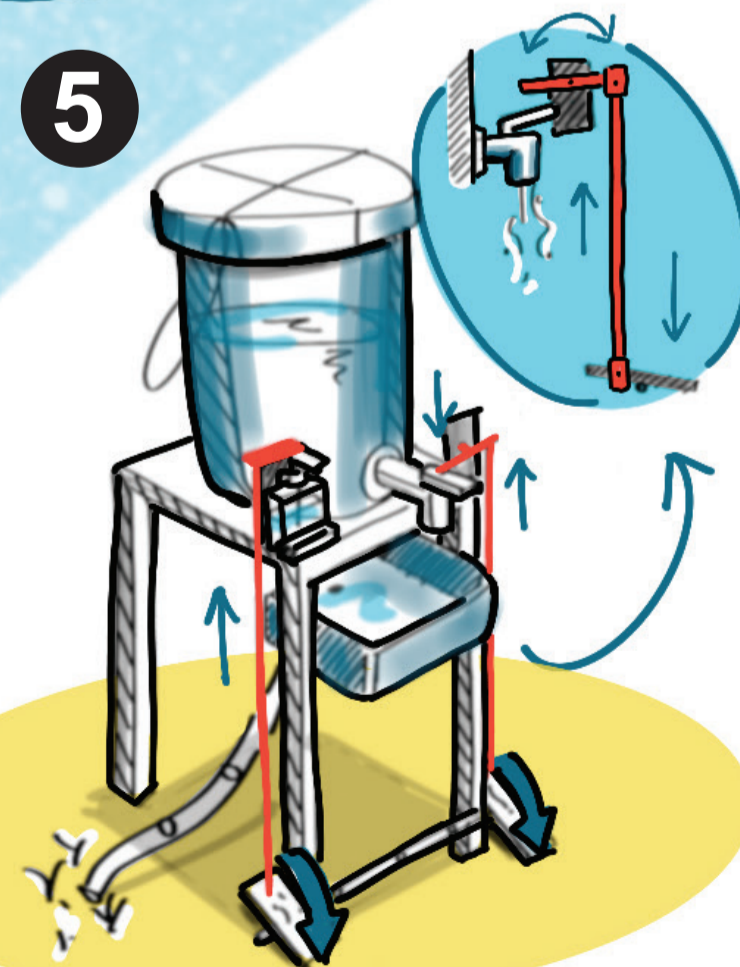
Bleach tablet

- ✓ Use PVC piping, bamboo or wood to construct frames.

6



5



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**Hand washing kills the viruses on your hands, preventing that you contaminate yourself or others with the infectious COVID-19 virus.**

The intention of this document is to illustrate a range of Do-it-Yourself (DiY) designs for hand wash stations, from simple to more complex. These designs were inspired by the many videos available on the internet and act as suggestions. The stations can be constructed using local crafts, from locally available components in urban areas.

**Below you will find a list of the videos that inspired the designs for this poster:**

1. <https://www.carolinafarmstewards.org/useyerfoot/>
2. <https://www.youtube.com/watch?v=EHmnN-wPRNk>
3. <https://www.youtube.com/watch?v=WYnlbFd45V8&t=358s>
4. <https://www.youtube.com/watch?v=lbxkrA4Qnko>
5. <https://www.youtube.com/watch?v=D2604Le2k0A>
6. <https://www.youtube.com/watch?v=nQgSOhl7-Bk>
7. <https://www.youtube.com/watch?v=gSmnwH3fF2E>
8. [https://www.youtube.com/watch?v=LI2wT6S\\_\\_CQ](https://www.youtube.com/watch?v=LI2wT6S__CQ)
9. <https://www.youtube.com/watch?v=Vgd7NDYZscs>
10. <https://www.youtube.com/watch?v=IOkL8iJ29jM>
11. <https://www.youtube.com/watch?v=RqJyDXXMjN0>
12. <https://www.youtube.com/watch?v=nXcPxaubZEO>

**Publications:**

1. [https://wedc-knowledge.lboro.ac.uk/resources/posters/P009\\_The\\_Mukombe.pdf](https://wedc-knowledge.lboro.ac.uk/resources/posters/P009_The_Mukombe.pdf)
2. [https://wedc-knowledge.lboro.ac.uk/resources/posters/P008\\_Handwashing\\_bottle.pdf](https://wedc-knowledge.lboro.ac.uk/resources/posters/P008_Handwashing_bottle.pdf)
3. [https://sswm.info/sites/default/files/reference\\_attachments/DANIELSSON%20and%20LIPPINCOTT%202012%20How%20to%20build%20a%20tap%20up%20hand%20sink.pdf](https://sswm.info/sites/default/files/reference_attachments/DANIELSSON%20and%20LIPPINCOTT%202012%20How%20to%20build%20a%20tap%20up%20hand%20sink.pdf)
4. <https://www.ghspjournal.org/content/4/2/336>

**GOOD LUCK! WE WISH YOU WELL!**