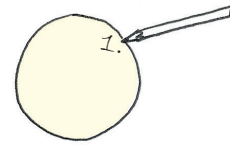


Water filter

You can pour the samples you have collected through some filter paper, and then look at what is left behind on the paper.

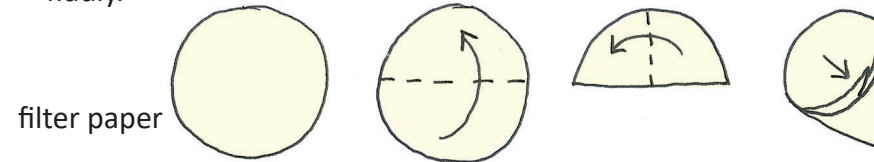
To do this you will need:

- Your collected water samples
- A funnel
- A circle of filter paper. If you do not have any filter paper, you can use kitchen roll, or you can layer some toilet paper together and cut a circle.
- A bottle to catch the water

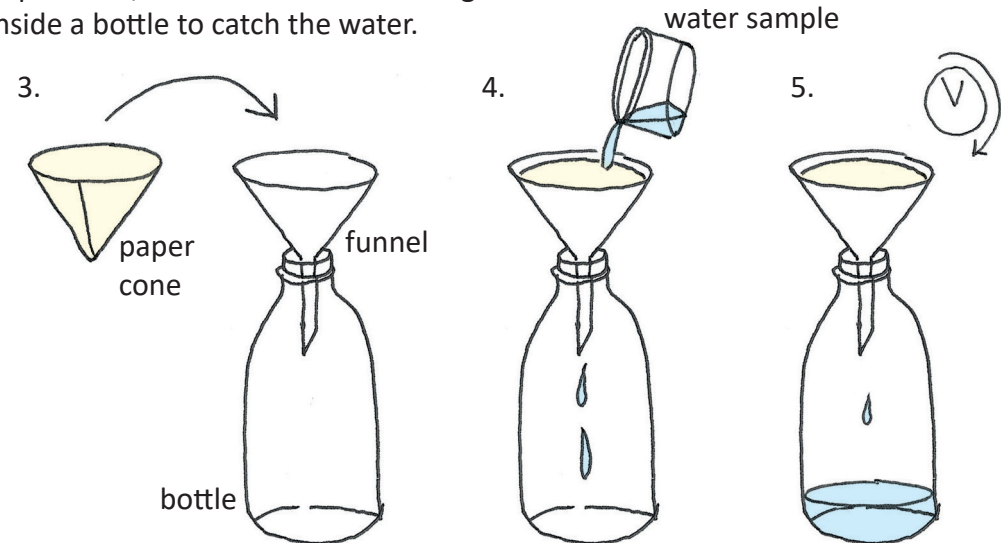


1.) First, label your filter paper circle using a pencil, so you know which sample of water to use.

2.) Next, fold your paper circle into a cone shape, this can be a bit fiddly.



3.) Line your funnel with your filter paper cone, and make sure it is sitting inside a bottle to catch the water.



4.) Slowly pour your water sample into the paper-lined funnel.

5.) Wait for all the water to soak through.

6.) Carefully take your filter paper out and leave it to dry, and repeat the whole process with your next sample.

7.) Finally, compare the marks left on the filter paper by each of the samples.



Image: LWPpWW

This photo shows you what some of the pieces of filter paper looked like when this experiment was carried out by a group in Glasgow in 2017. Marks and residue were left on the filter paper after the water had passed through.