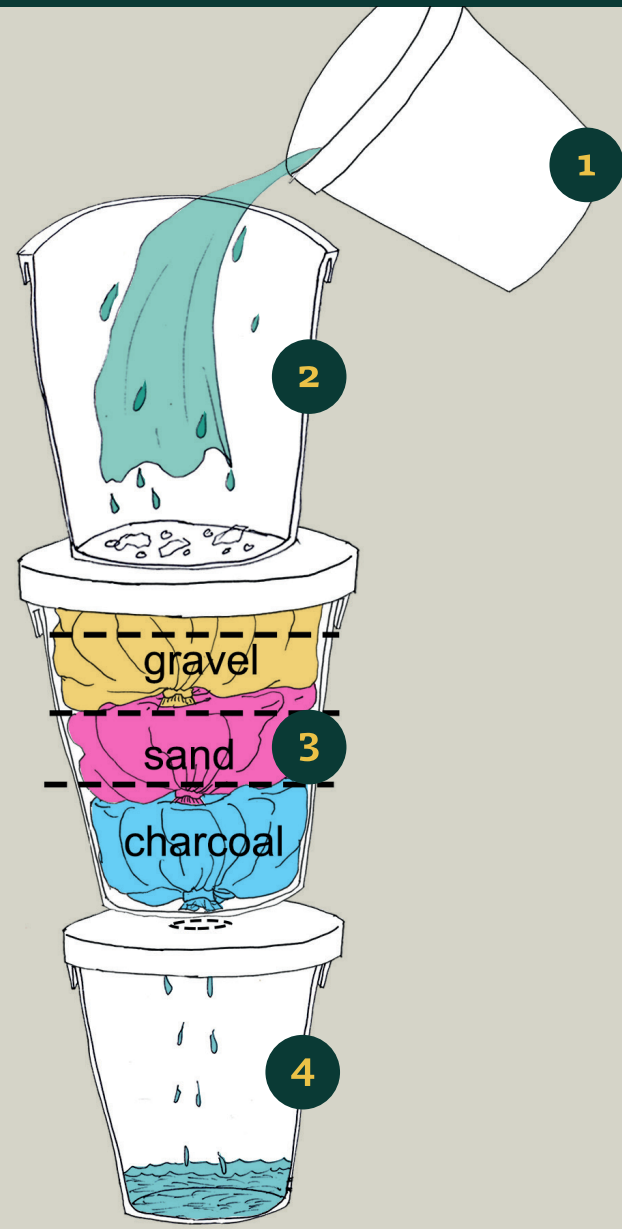


Grey Water Filter

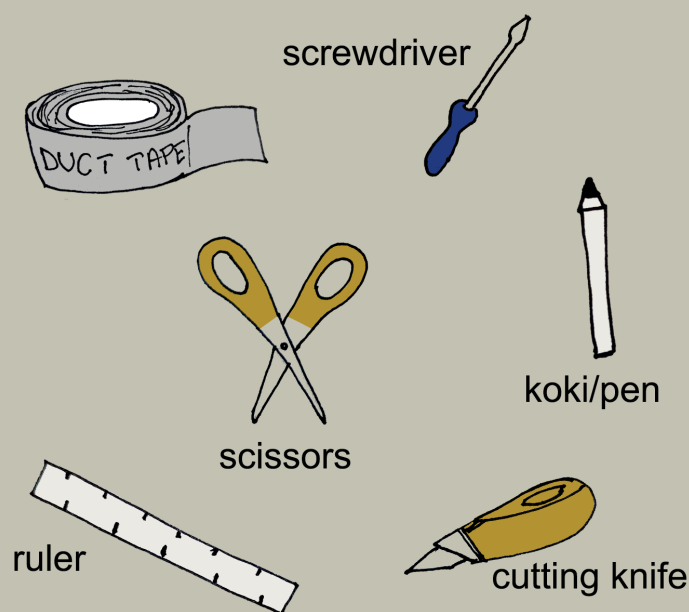


How to use the Grey water filter

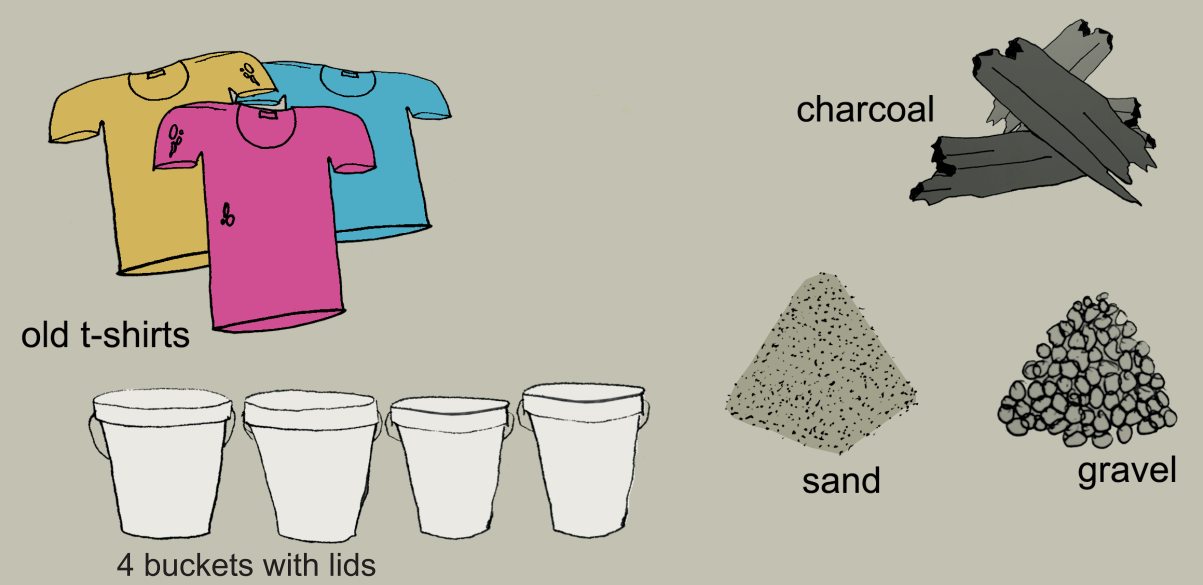
Bucket 1: Collection
Bucket 2: Supply
Bucket 3: Filtration
Bucket 4: Collection

With this filter, large dirt particles are filtered out of grey water (water used previously for washing). Use gravel, sand, charcoal and cloths as filter material. You can use the filtered water for garden watering, household cleaning or toilet flushing - but not for drinking or cooking!

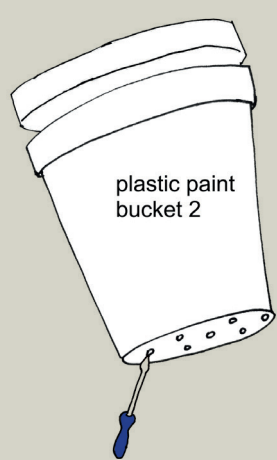
Tools Needed



Materials Required



Preparing the buckets



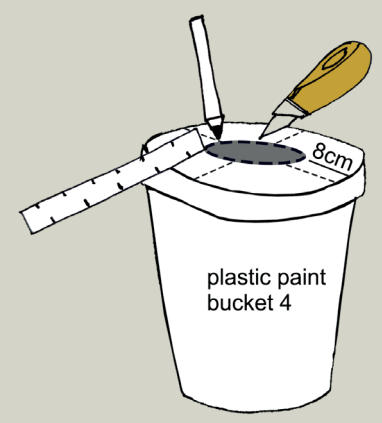
BUCKET 2:

Make a few holes into the bottom. The small holes will slow the flow of the water.



BUCKET 3:

Cut a hole into the bottom and a bigger hole into the lid.



BUCKET 4:

Cut a hole into the lid.

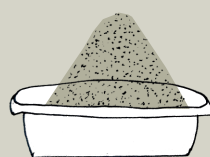
Preparing the filter materials



Cut 3 old T-Shirts.



filter material 1
charcoal



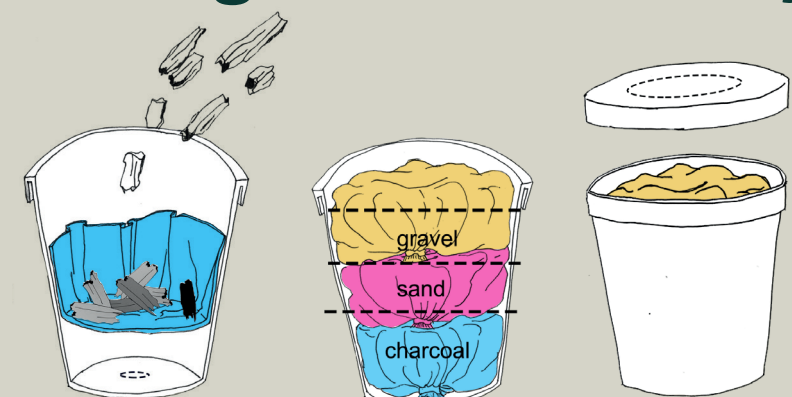
filter material 2
sand



filter material 3
gravel/stones

Collect the filter materials. Wash them separately until the water comes out clean. The sand used needs to be similar to river sand (not clay or thick sand).

Assembling the filtration system



Take bucket 3. Place the cut T-Shirt inside and add washed charcoal. Tie up the charcoal in the T-Shirt and turn upside down so that the knot is facing down. Repeat with sand and gravel. Around half of the bucket should be filled with charcoal and the other half equally with sand and gravel.