

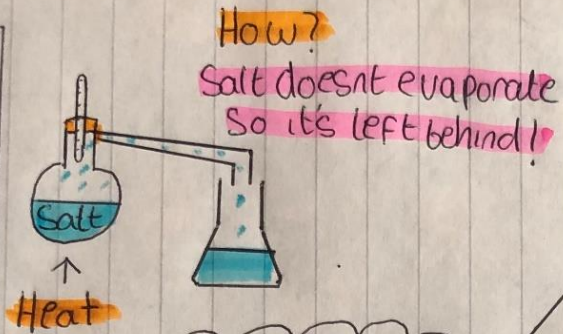
Sea water method

• Extra Step!

Distillation

(removal of salt)

- On a small scale water can be distilled and salt can be left on the glass container.



What makes water potable? 1

- Low levels of minerals + salts
- little to no bacteria or microbes
- No dirt or particles

Is potable water the same as pure water?

= NO

As long as the water has low enough levels of: salt, minerals and microbes. It won't be harmful, but not completely pure.

Sterilisation 7

1. add chlorine water to the filtered water.
2. Treat with UV light (at home boiling works, but might still be dangerous!)

5 How do they clean?

1. Filtration (passing it through filters)
2. Sterilisation (with chlorine, ozone and ultraviolet lights)

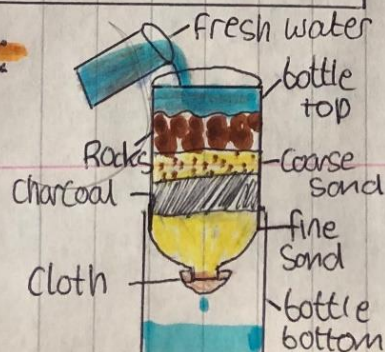
Where does it come from?

In the UK the water comes from fresh water sources such as: lakes, rivers, streams and reservoirs. (because of the amount of rain) Other countries use salt water (sea) when fresh water isn't available.

Still not drinkable →

- There are many microbes still in there that we can't see!

Filtration:



What do they remove? 4

- Mud + dirt
- Minerals
- microbes

3MS!