

Name: \_\_\_\_\_ Date: \_\_\_\_\_

13

# Water purification

Term 1 - Week 1 - Worksheet



**Let's read** Look at a glass of water.

Can you see anything in it?

No, you can't. But did you know that there are sometimes germs in water? These germs are tiny and cannot be seen with the naked eye. If you drink water without first getting rid of the germs, you could get very sick. We always need to make very sure that the water we drink is clean and pure.



**Let's talk**

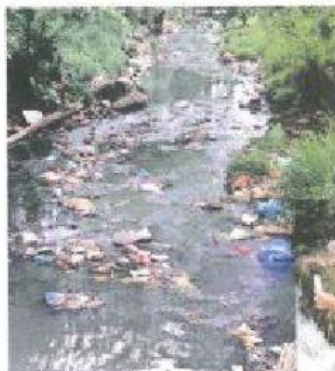
Talk about what can happen if we drink dirty water. Now look at the pictures below. Talk to your friend about the different ways we can purify water.



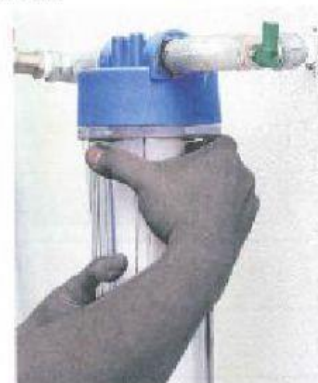
Add chlorine tablets to water.



Boil water for 5 minutes.



Add chemicals.



Filter water.



Let's talk

Which water do you think is safe to drink?

Colour the water droplet blue if you think it is safe to drink.

River water



Borehole water



Tap water



Water that has been bought in a bottle



Sea water



Water that has been boiled in a kettle



Let's do

Work in groups and make a water filter to purify water. Listen carefully when your teacher explains what you need to do.

**You will need the following:**

A 2 litre plastic bottle

Fine sand

Coarse sand

Small stones/gravel

A pair of scissors

Cotton wool



Let's write

Number the steps for making a water filter in the right sequence.

3	Add fine sand on top of the cotton wool.
2	Turn the bottle upside down.
4	Add coarse sand.
1	Carefully cut the bottom off a plastic bottle.
6	Pour the muddy water in.
5	Drop small stones or gravel into the bottle.



Water purification video 3:24

<https://www.youtube.com/watch?v=60Big9Ut6Mc>