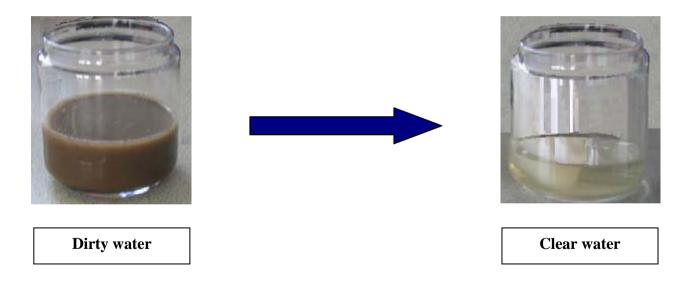


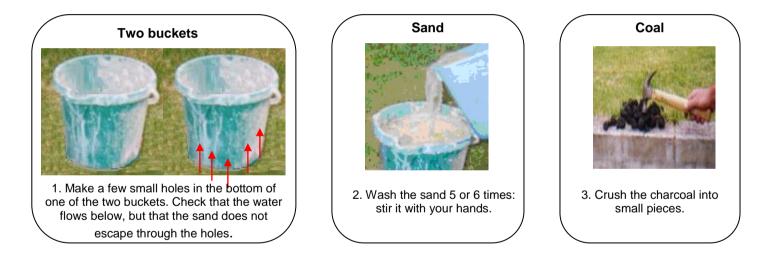
## 6 Activity: How to make water clear?



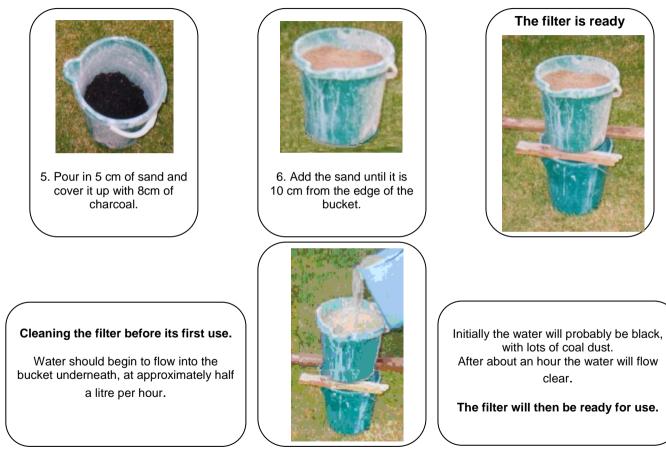
To make water clear you must let it decant and then filter it.



## To build a water filter, you need :











#### Using the filter

Gently pour the dirty water into the filter. It will flow clean into the bucket underneath. Make sure beforehand that the water poured into the filter has been sufficiently decantered by sedimentation.

#### Maintaining the filter

Replace coal approximately every two weeks. Pollutants gradually contaminate the coal. Gently pour the dirty water into the filter.



It will flow clean into the bucket underneath.

# Be careful! You cannot always drink water that is clear.



### **Decantering:**

An operation which consists of letting the water stand so that the most dense particles are concentrated at the bottom of the bucket while the least dense can be found on the surface.

### Filtration :

Water passes through a membrane (a filter!) whose holes (very small, even microscopic) stop some particles (but not all!).