



How can I make water safe to drink?

SET: 10.05.10

IN BY: 24.05.10

60% of the human body is made up of water – it is a basic need. After a natural disaster, water that is safe to drink is in shortage, but humans still need to drink.

You are going to create a way in which to make muddy water clear, and a way of checking that clear water does not have anything dissolved or mixed with it.

1 – Get some muddy water and work out how to remove all of the visible particles from it, i.e. how to make it clear.

2 – Once you have done this, devise a way of checking that nothing is still dissolved in it.

3 – Write up what you have done and how you have made water safe to drink. You can write this up in whatever way you would like – a booklet, a piece of writing, a story board, a poster...

It would be great if you could include some photos of you carrying out your investigation.

Equipment that might help you:

*sieve, funnel,
filter paper, tea strainer,
candle, spoon...*

Some useful scientific words:

*mixed, dissolved,
evaporation, condensation,
filtered, sieved,
mixture, solution*