



Survival Badge: Week 1

As a patrol you need to do the following:

(Everyone needs to take a full part in what you are doing.)

1. Collect and Purify water. Try out more than one of these techniques....

There are different ways to do this (you don't have to drink the water just go through the process!)

Our woodland stream isn't running well at the moment so collecting water isn't going to be easy at all!

FIRST >>> You need to strain the big bits and dirt out of the water...

It is important that your water be clear and free of debris (bits) SO you may need to **Pre-Filter** your water **BEFORE** you disinfect (kill the germs etc) it. You can prefilter your water using a huge variety of items – sock, t-shirt, bandanna, dried grass, bit of cloth, feminine hygiene product etc. You may even want to filter it a couple of times... yes really!

A. Using household bleach.... (I learnt about this in South Africa).... but not lemon scented stuff ;-)

You need **2 drops of bleach per 1 liter of water**. The wait time is 30 minutes.

An easy way to remember this is: $2 + 1 = 3$. **BUT add 4 drops to 1 litre if it is cloudy / very dirty water!!** (measuring out drops is 'tricky'.... experiment and suggest 'better' ways to do it.)

B. Boiling Water

Bringing water to a 'rolling boil' that means lots of big bubbles on the top of the water (not little bubbles at the bottom of the pan) will kill living organisms in the water. You'd need to light a fire to do this (unless you have a camping stove) so get collecting wood.

C. Using Puritab.

These are tablets that you buy from camping shops and cost around £4.50 a packet.

You add 1 tablet to a litre of water (so half a tablet to half a litre) It's always good to read the packet though. If you have less than a litre of water you can still add a whole tablet. IF you know you have half a litre exactly you could cut a tablet in half. IF the water is very dirty or if you are in an area with known waterborne diseases then using 2 tablets to 1 litre is OK (it's not going to kill you!)

D. Using a filter bottle.

Vicky has a water to go bottle that makes any water (except sea water) safe to drink, try it. It's called a 'Water-to-go' bottle.

2. Build a shelter.

The shelter must offer protection from bad weather and be safe!

Can you fit the whole patrol in it? How long could you shelter in it comfortably.

3. See if there are any edible wild foods to collect in our woodland. Check with a leader **BEFORE** you actually eat anything please!! If you are ever not sure.... don't eat it. At the very least you should be able to find a couple of blackberries near the field gate!