



The Water Audit

Activity Sheet 02

How Much Water is Used?

- If you have a water meter at school find out where it is located and record the readings at the beginning and end of each day (maybe an adult can do this for you).
- Record the daily readings in a table and plot on a graph. Is the water usage the same everyday? Can you explain any dramatic increases/decreases?
- Are you using water at the weekend, if so do you know why?
- If you don't have a water meter you can use the information from **Activity Sheet 01** to estimate how much water your school uses.

Where is the Water Used?

- See if you can get hold of a map of the school (if you can't maybe you can draw a rough sketch).
- On the map put a dot on all the rooms where water is used.
- Go to each marked place and count the number of items that use water.
- For each location use the table to record the number of items that use water.
- Make note of any leaks.
- Find out the flow rate from the tap (use a similar approach as in **Activity Sheet 01**).
- Find out when toilets were installed. If they were installed before 1999 the volume of the cistern is likely to be 9 litres, if they were installed afterwards the volume of the cistern is likely to be 6 litres.
- If there are urinals find out how they flush.
- Make note of any water saving devices, e.g. *water displacement devices (Hippo Bags) in the toilet cistern, push taps, spray taps, motion sensors on the urinals, dual flush toilets etc.*
- Use the 'Others' column to record any other water using items you find.
- Write down any problems you encounter and possible solutions for these problems (take a look at **Activity Sheet 04** for some ideas). Give somebody responsibility for following up on each one.

Location:



Water Using Device	Hot Taps	Cold Taps	Flush Toilets	Urinals	Showers	Others
Number	↑					
Leaks (Y/N) <i>If yes, number of leaks</i>	↑					
Flowrate (l/min) <i>or if push taps litres per use</i>	↑					
Cistern Vol. (l)	↑					
Water Saving Devices (Y/N) <i>If yes, please supply details</i>	↑					
Problems	↑					
Possible Solutions	↑					
Responsibility	↑					

