

Water Efficiency – Conserving Water

Welsh Water cleans over 800 million litres of water per day and pipes it to our houses for us to use. A lot of energy is used pumping water to people's homes, this can be bad for the environment. Remember, you can help can save water in many ways: taking a shower instead of a bath, watering plants with a watering can instead of a hose pipe and **TURNING OFF DRIPPING TAPS!**

The caretaker of a school is annoyed at the amount of taps he has to keep turning off around his school. He measured the amount of water in different locations for one minute in ml. Here is what he found.

Location	Problem	ml per minute
Staff room	Small leak on the hot water dispenser.	35
Canteen	One cold tap trickling.	60
Infants' girls' toilets	One tap running.	500
Infants' boys' toilets	All taps turned off.	0
Junior girls' toilets	All taps turned off.	0
Junior boys' toilets	One tap dripping slowly.	15

Use the information below to work out how many litres of water per year the school would be wasting. **You may use a calculator.**

ml in 1 minute		ml
ml in 1 hour	x 60	
Convert to litres	÷ 1000	
Litres in 1 day	x 24	
Litres in 1 week	x 7	
Litres in 1 year	x 52	
Number of baths wasted	÷ 80	

The average bath contains 80 litres of water



Staff room	_____ litres	Canteen	_____ litres
Infants' girls' toilets	_____ litres	Junior boys' toilet	_____ litres
Total wasted in litres (round to the nearest whole number)	_____ litres	Total wasted in number of baths	_____ Baths