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## Resource Sheet 4

### GATHERING THE INFORMATION

<b>Rainwater harvesting</b>	
Number of down pipes from guttering	
Number of water butts attached to down pipes	
Rainwater could be used to...	
<b>Mains water</b>	
Where is the water meter?	
Where does the mains water enter the school?	
How much water did the school use last year?	
Number of taps	
Number of spray taps	
Number of dripping taps	
Number of cistern dam (e.g. hippo)	
Number of urinals	
Number of urinal control systems fitted	
Number of washing machines	
Number of showers	
Other appliances	



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CALCULATING WATER SAVINGS

Water saving device	Calculation	Savings per year
<b>Fix dripping taps</b>	No./dripping taps x 90 litres per week x 52 weeks =	[     ] litres
<b>Fit a urinal control system</b>	27 litres per hour x 24 hours x 265 days =	[     ] litres without a sensor
	27 litres per hour x 24 hours x 265 days = [?] litres divided by 10 =	[     ] litres with a sensor
<b>Fit a cistern dam</b>	No./toilets x average no./flushes per day x 3 litres saved per flush x 195 days =	[     ] litres
<b>Fit spray tap inserts</b>	No./taps x no./minutes per day x 10.5 litres less water used per minute x 195 days =	[     ] litres
<b>Fit some water butts</b>	No./water butts x capacity of water butt x no./refills =	[     ] litres