

Helping your children choose books they will love



Lovereading4kids.co.uk is a book website
created for parents and children to make
choosing books easy and fun

opening extract from

Small Steps

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Switch off

We all try to switch off lights and appliances when we are not using them. But did you know that when electronic devices are set to standby, they are not really off at all? This picture shows two average homes and their power usage. Look at the electricity meters, and see the difference in monthly power consumption when you make the effort to switch off and unplug.

Electronic vampires!

When electronic devices continue to suck power from the outlet while left in standby mode, it is called "standby power" or "vampire load". Look how much power these six common household appliances still use when on standby, compared with when they are actually on or in use.



Sound systems can use up to **60%**



PCs use up to **29%** power on standby



Printers on standby use **25%** or more



DVD players use around **16%**



Televisions use **4%** or more



Microwave ovens on standby use around **0.2%**



690 kWh

Switch off

7

HOME 1

HOME 2



Keep it clean

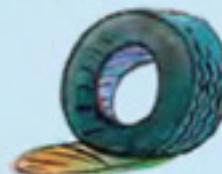
With fresh water being so precious, polluting what little we have is a truly stupid thing to do. When we treat our lakes and rivers like rubbish dumps, we not only pollute our water supplies but also do long-lasting damage to plants and wildlife. One easy way to prevent this is, of course, not to dump things in the first place. But we can also rescue wildlife and reclaim our rivers by joining organized cleanup projects and removing the rubbish that is already there.

River rubbish

Dumped objects can damage river systems in all kinds of ways. Some rubbish can leach toxins or chemically pollute the water, making it unsafe for plants, wildlife and people. Other items can trap, injure or kill the fish, birds and insects that make their home in the water.



Trap small fish and insects



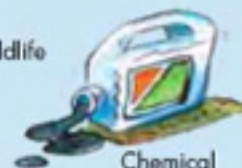
Traps and drowns wildlife



Injures wildlife



Toxic metals pollute water



Chemical pollution



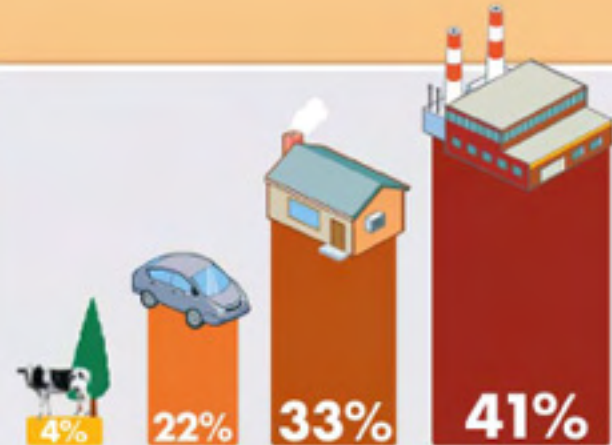
See the difference

Energy Smart

Most of the energy you use comes from fossil fuels (coal, gas and oil). Burning these fuels to generate electricity releases carbon-dioxide gas. Carbon-dioxide is the main gas involved in global warming. So when you cut back on energy use at home, you not only reduce your power bills, you also help to save the planet.



Before you use an electrical appliance, think of an energy-saving alternative.



Farming Transportation Housing Industry

Carbon culprits Almost all man-made carbon-dioxide emissions come from factories, homes and vehicles—a third of these emissions come from our houses.



Hanging out washing 0 W;
tumble dryer 4,400 W



Unplugged microwave 0 W;
on standby 5 W



Wearing a jumper and thick socks 0 W;
electric heater 2,400 W



Hand-washing shirt 100 W;
washing machine 1,100 W



CFL or low-energy bulb 30 W;
ordinary lightbulb 100 W