

Teachers - Here are some worksheets/ideas for homework in reference to ENERGY.

Worksheets:

- Electricity Usage in Our Kitchen 1
- Electricity Usage in Our Bedroom 2
- Saving Water At home 3
- How Much Water Did You Use? 4
- Energy Resources Diary 5

Ideas:

- Study home energy bills; noticing peaks and costs
- Find ways energy is being wasted in your home - suggest ideas for improvement
- Draw a landscape picture show the use of renewable energy sources - solar panels, hydro electric power etc.
- Compose a Questionnaire to interview members of house regarding their energy use
- Study house and record (plan) noticeable improvements that could be made over a period of time (monthly annually)
- Consider other environmental issues that have an impact of their area including:
 - Recycling of waste
 - Noise pollution
 - Air pollution

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Worksheet 1

Electricity Usage in Our Kitchen

My diary by _____

For one day think about the electricity you use in our kitchen.

	How many hours is it on for?
Fridge	
Dishwasher	
Freezer	
Vacuum Cleaner	
Cooker	
Washing Machine	
Light	
Kettle - how many times is it used?	

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Worksheet 2

Electricity Usage in My Bedroom

My diary by _____

For one day think about the electricity you use in your bedroom.

	How many hours is it on for?	How many hours is it on for <i>but not being used?</i>
Ceiling light		
Beside light		
Television		
CD player		
TV or CD on 'standby'		
Radio		
Computer		
Electric Heater		

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Worksheet 3

Saving Water

You know how much water you use a day. But, do you need to use that much?

Sometimes there is a water shortage so we need to save water, which means we also save energy.

In the boxes below can you suggest ways you could cut down on the amount of water *you* use?

AT HOME	AT SCHOOL

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Worksheet 4

How much water did you use?

Use the example amounts below to work out how much water you used during the day.

- Every time you flush the toilet: 8 litres
- Every time you wash your hands: 4 litres
- Every time you brush your teeth: 4 litres
- Every time you have a shower: 30 litres
- Every time you have a bath: 90 litres
- Every time you wash up: 10 litres
- Every time you have a drink: 1 litre

Use the boxes below to work out how much water you use each day.

<u>Toilet</u>	<u>Wash hands</u>
<u>Teeth</u>	<u>Shower</u>
<u>Bath</u>	<u>Wash up</u>
<u>Drink</u>	Total

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Worksheet 5

Energy Resources Diary

My diary by _____

Record when and why you use water or electricity in one day.

	Water	Electricity
When I get up		
During the morning		
At lunchtime		
During the afternoon		
At dinnertime		
During the evening		