

Energy Saving Audit

Activity Sheet 4

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Be an **energy saving hero** by making an energy audit of your school or home *don't worry if you can't complete them all.*

Use the template below and ask lots of questions to assess where good energy saving choices are already being made.

Identify areas where you see opportunities for saving energy.

Suggest how savings could be made.













Icon	Investigate and ask questions!	Yes/No/Some	Action plan
Inside the building			
	Are energy saving or LED lightbulbs in use?	<i>Some</i>	<i>When existing bulbs stop working, replace them with LED bulbs. Idea: Buy LED bulbs when they are on sale or offer!</i>
	Are lights in communal areas on timers (if in school). Or are smart controls like motion sensors used?		
	Are lights turned off when rooms are empty? (If in school, are there signs to remind people?)		
	Are windows double or triple glazed?		
	Is the building insulated?		
	Are there any gaps that could cause draughts?		
	Are radiators working efficiently? (You could ask if they are 'bled' or serviced each year).		
	Is heating used efficiently? Are thermostats fitted and set to 18°C - 20°C when rooms are in use during winter. (If in school, is the heating turned off during weekends and holidays?)		

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	Are blinds and curtains used to make the most of the warmth of the sun in winter and shade in summer?		
	If air conditioning is used in the summer months, are the windows kept closed? Is it only used when needed?		
	Are appliances including TVs and computers turned off completely when not in use (not standby)?		
	Are chargers turned off or unplugged when not in use?		
A+	Do appliances, TVs, computers etc have A, A+, A++ or A+++ energy ratings?		
	If at home, are most clothes washes done at lower temperatures e.g. 30° and below?		
	Are the doors on fridges and freezers sealing tightly?		
	Is water being wasted? Look for leaks or drips!		
	If at home, are appliances like washing machines and dishwashers used at night when there is less demand for electricity or if the house has solar PV panels, when it is most sunny?		
	Is ground source or air source heating used?		
	Do you know who the electricity supplier is, and do they use 100% from renewable energy sources?		









Notes and ideas:

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Outside			
	Are solar PV panels or solar water heating systems installed?		
	Is rainwater collected?		
	Are roof coverings in good condition?		
	Is outside space (gardens or pots) used to grow vegetables, fruit or herbs?		
	Is appropriate food waste composted?		
	Do you or other children walk or cycle to school?		
	If at school, is there an outside teaching space?		
	Are recycling bins used regularly and correctly?		

Notes and ideas:

Important!

It is not always possible to start doing everything all at once and that is ok. It should be exciting to investigate where you can make energy savings as often they save money too! Being an energy saving hero can happen one heroic change at a time. Remember, you have the power!



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Good Habits			
	Do you have 'meat free' days each week or are you vegetarian or vegan?		
	Are meals planned to limit food waste?		
	Does your school /family try to buy local and consider 'food miles' when shopping?		
	Does your family/school choose seasonal fruit and vegetables?		
	Is your school/family trying to use less packaging and fewer 'single use' plastics?		
	Do you use a refillable mug or water bottle?		
	Do you and your family walk, cycle or use public transport for short journeys?		
	Do you use rechargeable instead of single use batteries?		
	Do you, your family or school mend and repair clothes, toys or appliances where possible?		
	Does your family or school buy second hand or refurbished items? Do you buy only what you need?		

We would love to hear about your energy saving plans! You can Tweet us your ideas or email them to education@weset.org We also have more lessons and activity sheets at <https://www.weset.org/learn/resources/>

