



Energy Saving Mission

Take home sheet

Agent 's

Energy Saving Mission



At school we're learning how to save energy and why it's important. You have been specially selected to carry out this important mission! The mission has two parts and is about encouraging your family to save energy at home.

Part 1. Undercover mission

Sssh. This part of your mission is secret.

1. Using Mission Form 1 visit each room in your home and make a note of any appliances (anything with a plug) or lights that have been left on – only note things that are no longer being used. Write your findings in the 'Day 1' column.

Part 2. Take action

There's no need to sneak around for this bit – you should get your family involved! Here's what to do:

1. Call a family meeting and tell everyone why it's important to save energy – not only will it help reduce the impacts of climate change but it could also help you save money on your energy bills.
2. Reveal the findings of your Undercover Mission, sharing the appliances that you found had been left on when they weren't being used. Explain to them that these are the areas where your family is wasting energy and money.
3. Suggest you appoint a Special Switch Off Agent for each appliance in your home. It will be that person's responsibility to turn the appliance off.
4. Try to get your family to agree to do more to save energy, discuss the things you can do and write these down in Mission Form 2. Tick the actions as you do them.
5. Fill in Mission Form 1 every day of your mission so you can see the progress you and your family are making towards completing this important assignment.
6. Ask your family for feedback on your mission – they can write comments in the comments box in Mission Form 1.
7. When you've finished your mission – return Mission Form 1 and Mission Form 2 to school.

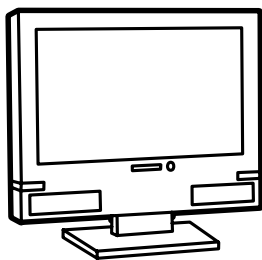


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Quiz time

Place the following appliances in order of the amount of energy they use on average per hour (1st being the highest and 4th being the lowest).



Plasma TV



Kettle



Fan



Washing Machine

Fascinating facts

- ▶ 63% of people forget to switch lights off when leaving a room – now that’s not very bright!
- ▶ Energy saving light bulbs last up to 10 times longer than ordinary bulbs, and using one can save around £55 over the lifetime of the bulb!
- ▶ When mobile phone chargers are plugged in to the wall but not connected to a phone, it still uses electricity. Only when you turn the charger off at the wall does it stop using power.
- ▶ If every UK household turned their appliances off when not in use, collectively we could save over half a billion pounds every year and as much carbon dioxide as would be saved by taking around 660,000 cars off the UK’s roads.
- ▶ On average, leaving our everyday appliances on “standby” costs UK households between £50 and £86 a year.

Make an energy-saving pledge at www.jointhepod.org/energypledge with your family



Answers: 1st: washing machine (2.5 kW) 2nd: kettle (2kW) 3rd: plasma TV (0.4kW) 4th: Fan (0.04 kW). Source: Centre for Sustainable Energy

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Mission Form 2

Agent's Name: _____

The biggest energy waster in my house was: _____

What we're going to do to save energy	Completed – please tick the ones you do



Don't forget to make an energy-saving pledge with your family at www.jointhepod.org/energypledge