

Saving Energy

This collection of resources focuses on saving energy by simple behavioural techniques or by installing energy efficiency measures.

Contents:

- a) **Background information** 'Energy Efficiency in the Home', 'Saving Electricity in the Home' and 'Environmental Building', all from CAT's information service: http://www.cat.org.uk/information/info_content.tpl
- b) **Classroom activities and handouts** Special Energy Investigators Activities from Create: <http://www.create.org.uk/downloads/SpecialEnergyInvestigators.pdf>
- c) **Taking it further** – sources of further background information and classroom activities



Taking it further

Sources of further **energy saving** information and classroom resources

Background Information (KS3)

Title	Source	Description
Energy Saving Trust	www.energysavingtrust.org.uk	Information about saving energy with a particular focus on the home. Government funded organization.
Carbon Trust - Schools	www.carbontrust.co.uk/energy/start-saving/sectorselector/schools_21.htm	Information about how schools can save energy. Includes tips and full management guides. Government funded organization.
Futerra's 'New Rules: New Game'	www.futerra.co.uk/revolution/leading_thinking	Much saving energy is about behaviour change – this document, from the UK's leading sustainability communications group, explains how to encourage behaviour change.
CAT information service: Energy Efficiency	www.cat.org.uk/information/info_content.templ?sku=info_is_efficiency/	Information sheets covering various different subjects, including condensing boilers, keeping cool in summer and underfloor heating.

Space has been left for you to include your own sources of further information

Classroom Resources (KS3)

Title	Source	Description
Generation Green	www.generationgreen.co.uk/StaffRoom	Lesson and assembly plans on saving energy and taking individual responsibility and action.
Conserving Energy	www.ngfl-cymru.org.uk/vtc/ngfl/science/125/index.html	Part 3 of this series – conserving energy, looks at insulation. Three lesson plans provided, including an introduction, practical experiment with different insulators and applying what's learnt to the school.
A Home Energy Audit	ase.org/section/_audience/educators/lessons/middle/	Information and instructions for setting pupils up in running their own Home Energy Audit.

Space has been left for you to include your own sources of classroom resources