

Project 2

Over to you

We can all make a contribution towards reducing the amount of fossil fuels burned every day.

This project will enable you to actively engage in seeking ways to reduce your school's use of fossil fuels.

YOU WILL NEED Heating & electricity bill for the school or an estimate • Pens, pencils, coloured markers • Appendix 5 • Plain and coloured paper for posters and signs •

- 1 Give students the sheet in Appendix 5, Figure 1 and ask them to discuss in groups how the school uses energy (electricity, heating).
- 2 On the sheet they can estimate the amount of electricity used by each appliance as high, moderate or low.
- 3 Ask students to think of a way to save energy for each of the appliances they listed.
- 4 They can use the evidence cards in Appendix 5 to help them with some ideas.
- 5 Students should select a number of energy saving tips to implement in their school. It is important to set realistic targets.
- 6 With their principal's permission, they could encourage all students to take part, with the reward of a non uniform or homework free day in their school (consider what is appropriate for your school).
- 7 Students will need to let other classes know about their project. For example, students could make posters stating why it is important to save energy and present it at school assembly.
- 8 Each class could assign an energy saving warden. Their job would be to make sure lights, computers, televisions or videos were switched off when not in use.
- 9 After one or two months the class could check the electricity and heating bills for the school. Has there been any difference since the energy saving tips were put into action?



Tell Me More!

Ninety eight per cent of Ireland's energy is provided by fossil fuels. Although we do have renewable forms of energy such as wind power, hydropower and solar power, these still make up a relatively small proportion of our needs. As most of our electricity and heating is provided by fossil fuels (oil, coal and gas), we are adding daily to the greenhouse effect by burning these fuels and producing CO₂.

You can help reduce Ireland's contribution to the greenhouse effect by saving energy in your home and at school while also saving a little money as well!