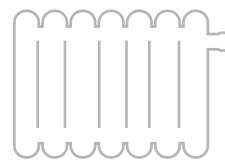
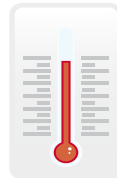




launching the **green energy uk** energy-saving projects at assembly



The aim of the **green energy uk** school energy-saving projects is to make students more aware of the impact of global warming, introduce them to renewable energy and introduce them to energy-saving.

props for the assembly: a picture of a greenhouse and some £10 notes

assembly content

Explain about global warming

- Use the picture of the greenhouse or point to the windows.
- Ask the students if any of them has a greenhouse at home and what happens when it gets warm.
- Greenhouses work by trapping heat from the sun. The glass panels let in light but keep heat from escaping.
- This causes the greenhouse to heat up and keeps plants warm enough to live in the winter.
- Greenhouse gases in the atmosphere behave much like the glass panes in a greenhouse. Sunlight enters the atmosphere and warms the earth. If there are too many greenhouse gases, the heat cannot escape.
- Ask the students to think about what it would be like in school if, on the hottest day of the year, they weren't allowed to open any windows or doors.
- Ask if they know what this is called (global warming)
- Ask if any of them know why there are more greenhouse gases in the atmosphere today and what causes it.

Energy production

- We mostly burn fossil fuels like coal and oil to generate the electricity we need for power and light at school and home.
- Burning these fossil fuels is the number one cause of greenhouse gases.
- The more power we need, the more pollution we cause and the more we effect global warming.

So, what can we do about it?

- It's time we all did our bit to reduce the effect of global warming, and that's why the school is taking part in the **green energy uk** energy-saving projects. Hand out copies of the 'information for families' leaflet for students to take home.

The energy-saving projects

- The projects will help reduce the amount of energy we use by up to 10% and convert some of the energy we use into energy from renewable sources.
- You will soon see our team of students who will be carrying out several projects to reduce the amount of power we use. They will be looking at ways to reduce power waste. You may be asked to help them by keeping lights switched off and doors closed, etc. Please support them fully. You can also do your bit by doing the same at home - your family could save up to £300 a year off their energy bills (show the students how the £10 notes all add up).
- Together, we can reduce pollution and support the environment.