

Streetsbrook Infant & Nursery School

BACKGROUND

Streetsbrook Infant & Nursery brick built circa 1957 building with various extensions in 2000, 2006 and 2010. It also has a separate swimming pool block circa 1976.

It is a traditional brick built single storey building. Windows are a mixture of timber, UPVC and double glazing. The energy cost for this building in 2010/11 was around £10,000/year electric only with associated carbon emissions of 43 tonnes CO₂/year.

In 2010 / 11 Streetsbrook School took part in the Councils Low Carbon School Programme to save electricity and reduce our carbon footprint. As part of the programme the head teacher was keen to get children involved in saving energy within school.

The Head Teacher set a challenge to everyone to save electricity, switch off lights when not in the classroom and switch off IT equipment and interactive white boards when not in use.

The school created a mascot called George Harry Marlow. The class that switched off the most equipment in one weekly would win the mascot to keep in their classroom and gain eco points.



Children were informed about a traffic light coding system which was implemented. This was a coloured sticker that was applied to the switch of each electrical device.



Green indicates switch off whenever you can.

Amber Children – ask an adult if I can switch if off

Adults – if not in use – switch off

Red Children - do not touch

Adults – LIGHTS - do you really need it switch on?

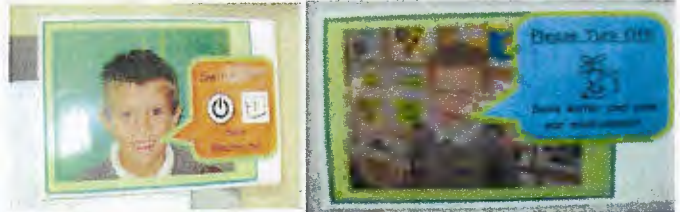
Adults - SOCKETS – Do not switch off

All equipment which had been labelled with a green or amber sticker was switched off. Children were empowered to assist in switching off equipment

Posters were produced that reminded the children and staff what the coloured labels meant.

CASE STUDY METHOD

The school involved their Eco Team in this energy driven campaign. The Eco Team designed signs to remind everyone to switch off.



Switch off save electric

Please turn off water it saves the environment

The eco team created their own Eco notice board featuring information on energy.



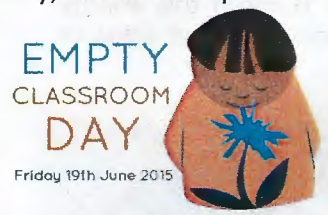
The school also took part in WWF's (World Wildlife Fund) 'Earth Hour'. This is an annual global celebration where people all over the world switch off their lights for one hour on a specific day and time. The children wore land and sea colours, and started the day with an Earth Hour assembly, which was aimed at developing an understanding of climate change. Just before 10.30am the countdown began and all non essential power was switched off. The children discovered that learning could still be fun without electricity. During the "power free lunch" the children created their own sandwiches and salads. Lunch box waste was sorted, collected and recycled. The children raised over £60 to WWF's rainforest fund.



Other ideas

Outdoor learning

Streetsbrook school also celebrated outdoor learning with an “empty classroom day”, and so saving electricity by having lessons outside. This included an outdoor assembly, outdoor learning all day, and a school picnic this took place in June 2015.



Design and technology

The children in design and technology lessons created these moving pictures with showed switch off messages, these were placed up round the school.

