

CREATE



CASE STUDY
ECO WARRIOR IN TELFORD SCHOOLS

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Eco Warrior

Eco Warrior is an energy monitoring and targeting system, with real time data viewing. To complement the system CREATE have designed five lesson plans, all of which use the Eco Warrior monitoring system. The lesson plans are being offered to pupils in selected schools in Telford & Wrekin where the system is installed.

Telford & Wrekin have also asked CREATE to deliver the lesson plans in half day sessions to ten schools in the area, the teacher decides which lesson plan they think most appropriate for their pupils.

The lesson plans available are:

- Investigating water usage in the school
- Investigating lights and appliance use in the school
- Reducing energy and water consumption in the school
- Using Eco Warrior in an assembly presentation
- Investigating electricity use at home

Each lesson plan uses the Eco Warrior monitoring system and is suitable for different groups and sets within a school, with the lesson plans having been used by Yr 5's up to Yr 10's.

They can be used to cover a range of national curriculum requirements.

The main theme of the lesson plans is for pupils to identify energy and water usage and take practical steps to help reduce their use.

Benefits

The benefits of having such a monitoring system with complementary lesson plans in a school setting are excellent.

During the lesson plans the pupils see real life data on the monitoring system presented in bar charts or tables and by changing the way the school uses energy and water can see a reduction in their use.

Outcomes

So far five schools have had the benefit of CREATE staff carrying out a half-day session with pupils using one of the Eco Warrior lesson plans. The sessions have been very useful for the teachers, to increase their confidence in using the system, and for the pupils, in seeing real life energy and water consumption data, data that they can make a difference to, by changing the way energy and water is used by the school.

CREATE

ECO WARRIOR



CREATE, one of the UK's leading energy education organisations has teamed up with State of the Art, developers of Eco Warrior to provide an exciting solution to ensure you get the full educational benefit from this energy monitoring and targeting software.

CREATE can offer a series of demonstration lessons that enable students make the most of Eco Warrior's innovative 'real time' data viewing capabilities.

The lesson available include:

- Investigating water usage in the school
- Investigating lights and appliance use in the school
- Reducing energy and water consumption in the school
- Using Eco Warrior in an assembly presentation
- Investigating electricity use at home

A range of lessons is available for Y5/6 in primary schools and up to Y10 in secondary schools. Each utilises the Eco Warrior monitoring system and can be used to cover a range of curriculum requirements.

The main purpose of the lessons is for pupils to identify energy and water usage in the school and then devise practical steps to help reduce their use.

Benefits

The benefits of having such a monitoring system with complementary lesson plans in a school setting include

- Involving the students in the school's energy and water management programme
- Offering added value to a range of curriculum areas including; Science, English, Maths, IT, Geography, Citizenship
- Enabling students to see the outcome of their actions to reduce energy and water consumption through the real-time monitoring features of Eco-Warrior

To date the lessons have been introduced as part of a highly successful energy and water management education programme in schools throughout the Telford and Wrekin area.