



## STRATFORD GIRLS GRAMMAR SCHOOL

### Students stay Cool and Alert

Stratford Upon Avon's Girls Grammar school have recently fitted a Celsius EcoCooling evaporative cooling system in one of their science classrooms.

This room suffered badly with solar gain through the south facing glazing and was unbearable during spring and summer with temperatures regularly topping 35Co.



The system consists of one roof mounted Celsius cooler and one roof mounted extraction fan, both incorporate attenuation sections to minimise noise into the area.

The cooler provides thermostatically controlled fresh cool air when required, this keeps the pupils cool and also very alert as carbon dioxide levels are kept to a minimum.

This is far better than conventional air conditioning than merely re-circulates the same air and this often leads to higher than average carbon dioxide levels resulting in 'afternoon drowsiness'.



The Evaporative cooling system has running costs of less than 10% of comparable air conditioning and saves over 11 tonnes of carbon per annum.

The fresh air delivered through the unit also minimises any odours and bacteria in the area, thus giving a far better working environment for the pupils and minimising any possibility of 'sick building syndrome'.

*"Keeping people comfortable without costing the earth"*

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