

# PROJECT Air Conditioning case study



Barfield School, Farnham, Surrey



## client

Barfield School








## facilities required

Air conditioning to provide comfort cooling & heating of ICT, Arts and DT centre

## our role

Design and installation of air conditioning within school building to enhance pupil and staff working conditions

## engineering solution

-  2 stage installation
-  design of system to provide cooling of building
-  Toshiba RAV system selected to keep noise levels to a minimum and therefore reduce noise disturbance to pupils and staff
-  inverter controlled system ensures minimum energy consumption
-  works scheduled for holiday period to eliminate disruption to staff and pupils
-  supporting electrical works carried out by cfes in house electrical division
-  tailored service and maintenance contract:  
Maintenance was scheduled for holiday periods to reduce disruption to staff and pupils



## outcome

Increased pupil and staff comfort within classroom areas. Current maintenance agreement.