



## New Classroom for Wychwood School



CONSERVATION  
RESIDENTIAL  
**EDUCATION/COMMUNITY**  
HOTEL/LEISURE  
HEALTHCARE  
COMMERCIAL



The new classroom at Wychwood School involved the infilling of an existing courtyard. The site was restricted, with single storey buildings with low eaves to three sides and a two storey brick classroom with high windows to the remaining side.

The solution was the construction of an atrium over the existing courtyard with a glazed roof to adjacent circulation areas, as it was critical in the design to retain daylight to the existing classrooms. The glazed roof is supported from a cantilevered steel frame, which incorporated a wide parapet gutter, designed for easy maintenance.

The environmental requirements of the space were analysed in detail to address the potential problems of solar gain, heat loss and ventilation. The result is a user-friendly, light and airy space within the confines of the existing buildings. The relative simplicity of design ensured a cost-effective solution to the needs of the client.