

Case Study

John Ferneley College



Delivered for Leicestershire County Council

800 place secondary school for students aged between 11 and 16 years | April 2010
Value: £14.14 million



John Ferneley College

Introduction

As part of the continuing drive to raise standards of education in the county, Leicestershire County Council is changing the age range of some of its schools. John Ferneley College is a new build secondary school, located on the edge of the historic market town of Melton Mowbray, and replaced an existing school that only catered for pupils up to the age of 14 years.

Key Facts

- 72 % of the construction budget was spent within a 30 mile radius of the site
- Energy Performance Certificate (EPC) rating B

Details

The new school provides for 800 students aged between 11 and 16 years old. The teaching accommodation is split into five learning zones covering business and enterprise, culture, communications, discovery and performance.

The building includes science and design laboratories, a wonderful restaurant, sports hall and dance studio. Special attention was given to the external environment which now acts as an exciting curriculum resource, with green roof, wetland ponds and wind turbine all available for students to examine as part of their studies.

Successes

The system of themed zones offers flexibility of teaching and learning compared with more traditional designs.

The school was completed on time and on budget, with a focus on the long-term operating costs. A fully integrated Building Management System (BMS) works with the natural ventilation system to provide a pleasant and efficient environment, with reduced running costs.

Sustainable achievements

- Green roof, rainwater harvesting and sustainable drainage solutions to minimise excess run-off into local drainage services
- Bio-mass boiler
- 20kW wind turbine providing up to 20% of the school's daily electricity, with any surplus sold back to the National Grid
- Pre-cast concrete floor and roof planks, plus concrete floor utilised to maximise thermal mass for heating and cooling

Relationships

- Staff, students and parents consultation evenings
- Turf cutting ceremony
- Health & safety poster competition
- Tours of construction site for students and staff

BREEAM Rating

Very Good

Testimonials

Chris Robinson, Headteacher

"Willmott Dixon have been absolutely fabulous builders. They have focused throughout on the realisation of our vision for an exciting learning environment for young people, producing a building which significantly raises the bar for educational vision. As people they have been a delight to work with and I recommend them without reservation.

Contact

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