

Case Study - Energy Management

Cherry Orchard Primary School, Worcester



THE BRIEF

The Head Teacher of Cherry Orchard Primary School in Worcester, Mike Painter, is passionate about reducing the environmental impact of his school, along with running costs. The LED lighting upgrade has formed part of a plan to target this, alongside the installation of Solar PV panels.

The School has a very active Eco-Team with an Eco-committee made up of pupil representatives. They monitor the school's energy consumption and are looking forward to seeing the effect that installing efficient lighting and renewable technology has on reducing energy consumption. The school wanted to replace their existing inefficient lighting. Light quality across the school was varied, with some classrooms requiring additional lighting levels. Place Partnership were engaged to specify and manage the installation of energy-saving lighting within the school.

The lighting previously used within the school comprised mainly of T8 fluorescent technology using single batten mounted light fittings and over 150 Metal Halide light fittings in the hall.



OUR APPROACH

Place Partnership mobilised a team which analysed the requirements and ensured an appropriate specification, managing the delivery of the lighting project from inception to completion, along with obtaining interest free "Spend to Save" funding. The proposed solution was to upgrade the existing lighting in the identified areas with new high quality, energy efficient LED luminaires, manufactured in the UK.

The solution was designed to the required lighting (CIBSE) guidelines in schools and to maximise energy and environmental savings.

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RESULTS

The new LED lighting, specifically designed for the schools, has delivered the following key benefits:

- Improved lighting to enhance the learning environments for pupils and staff.
- A significant reduction in energy costs, consumption and carbon.
- UK manufactured high quality products with a 5-year on-site warranty, including parts and labour, providing complete peace of mind.
- Zero maintenance costs for the first 5 years and further reduced lifestyle maintenance costs.

To find out more about how Place Partnership can support your school with energy saving projects please contact energy@placepartnership.co.uk

Place Partnership provides rigorous, cost effective project management for capital investment projects ranging from schools to fire stations, police stations to community centres, in many cases working in partnership with private sector developers, investors and occupiers.

Our highly skilled professionals have spent many years understanding the requirements of clients in relation to the local built environment.

Our Project Management services include:

- Programme Management
- Project Management
- Development Management
- Cost Consulting/QS Services
- Building Surveying Services and Small Works
- Post-project Support

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