



sustainable schools

Working with schools and students towards environmental, social and economic change

Our work in the education sector

The Lantern team works with a range of private and public sector academic establishments from primary and secondary schools, to colleges, sixth forms and universities. Our aim is to help you understand your sustainability challenges and work with you to plan and implement the best solutions and effectively communicate your successes.

About Lantern

Lantern is an innovative environmental organisation, specializing in the design and integration of practical, cost effective sustainability and sustainable energy solutions. We make a positive difference to communities, organisations and the environment.



Save energy and money
Meet educational objectives
Join fun & engaging workshops
Involve students, staff & parents
Communicate your success

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Our services

At Lantern we take a collaborative and interactive approach on our projects, actively engaging with staff and students. Our clients find this complements teaching and learning objectives whilst working towards environmental goals.

Ecological and carbon footprinting: we measure your environmental impacts using tried and tested industry tools:

- We work with staff and students using an interactive, fun approach to data collection
- We establish benchmarks for you to track ongoing performance
- We co-create action plans and support you with implementation, monitoring and evaluation activities

Resource efficiency and sustainability audits: we identify the materials, goods and resources you use (energy, food, water, waste, paper), your associated costs and potential savings

Staff and student national curriculum based workshops: we develop bespoke workshop sessions around sustainability, incorporating practical activities to meet curriculum learning objectives

Environmental action plans: our action plans help you make small steps that lead to big changes as you begin to understand and manage your environmental impacts

Communicating sustainability: we develop engaging communications to help you explain your plans and activities to stakeholders - parents, students, media, local and academic communities

Energy management: we analyse how you procure and use energy to identify financial and carbon savings and help you implement them

Renewable energy projects: we undertake feasibility studies and project manage the implementation of suitable renewable energy solutions, including coordinating planning applications, procurement and contractors.

Case studies



Archbishop Tenison C of E High School

Working with Croydon Council to identify schools where significant energy and carbon savings could be achieved Lantern shortlisted Archbishop Tenison CofE High School as a potential candidate for renewable heating solutions.



Lantern analysed the school's energy consumption and presented four scenarios for using biomass heating. Two of these included a 10% reduction in energy consumption through low cost energy efficiency measures.

Using the Lantern data analysis - including boiler replacement costs and possible energy savings - the school and local council will be able to make an informed decision when the current boilers are replaced.

Lady Margaret Primary School

Lady Margaret Primary School in Southall wanted to understand the school's environmental impact. They were also keen to learn more about wider sustainability issues (climate change, waste and energy), and how they relate to the national curriculum and everyday school life.

Lantern calculated the school ecological and carbon footprints to identify where the school's biggest impacts were and facilitated a workshop with senior staff, students, teachers and governors. The workshop generated ideas which formed the basis for the environmental action plan.

Lantern is providing ongoing support to Lady Margaret to implement the action plan, including developing science week classroom activities linked to the national curriculum.



"Our staff, governors and pupils have developed understanding of our impact on the environment as a result of our work with Lantern. Looking after our environment and preserving resources has become a frequently discussed topic led by our knowledgeable 'green ambassadors'.

The workshop led by Lantern was engaging and I was so impressed with the quality of work and range of ideas from pupils. We are very much enjoying working with Lantern and feel it will have a positive long lasting impact on our school."

Helen Rai, Headteacher.
Lady Margaret Primary
School



Where children come FIRST