How much energy could your school save on lighting, IT, and heating?

L•A•S•E•R®

The Lighting Challenge

Did you know...?
Lighting makes up around

50%

of the **electricity used in schools** – but much of it is wasted in unoccupied areas like hallways, storage spaces, and bathrooms.

Solution: LED Lighting

LEDs are up to 80%
more efficient than traditional bulbs and last longer, reducing both energy consumption and maintenance costs.

Try this:

Start a 'Switch-Off Campaign'

Appoint 'Light Captains' in each classroom to ensure lights are only on when needed.

The IT Energy Drain

Did you know...?
A typical desktop computer can use between

65 and 250 watts

when active – and still waste energy when left idle!

Energy-Saving Actions:

- ✓ Enable sleep mode after short periods of inactivity.
- ✓ Encourage students and staff to switch off computers at the end of the day.
- ✓ Schedule automatic shutdowns for devices after school hours.

Try this:

Upgrade to energy-efficient IT hardware

– newer devices can be up to

50%

more efficient than those

4-5 years old.

The Hidden Heating Cost

Did you know...?
Heating costs can rise by

8% for every 1°C increase!

This small change **adds up** to unnecessary energy use and higher bills.

Try this:

Lowering your school's heating by

just 1°C

could save

5-10% on

heating bills.

Solution: Heat Pumps via LASER's Net Zero Framework

Heat pumps extract heat from the air or ground, making them **a highly efficient way to heat school buildings** while **reducing carbon emissions.**

Energy Waste in Schools

A government study estimates that

20%

of a school's energy is wasted.

Solution:
LASER's Bureau Service

We help schools track their energy use with heat maps and reports, identifying potential inefficiencies and offering expert procurement solutions.

Try this:

Run an 'Energy Detectives' challenge

Get students involved in spotting and reporting wasted energy around the school.

Explore more resources in Our School Energy Action Hub for FREE!

Get in touch today:
educationteam@laserenergy.org.uk
0800 484 0840