

# CASE STUDY INSTALLATION OF LED LIGHTING POLTAIR SCHOOL, CORNWALL

**TOTUS**



**Sector: Education**

**Client: Poltair School**

**Scope of Works: Installation of LED Lighting**

**Contract Value: £97K**

## **Poltair School locks into £17,000 a year electricity saving**

Pupils at Poltair School have enjoyed a bright start to the new term following the installation of LED lighting across their school.

With the importance of lighting for performance in human adults being well established, Poltair School were keen to research and understand how improved lighting could benefit their students. Wayne Moriarty, the Premises Manager at the school says "We found many studies demonstrating that artificial lighting simulating daylight is able to increase concentration and cognitive performance in students."

After contacting Totus, who have their own specialist Energy Division installing LED, PV and Biomass amongst other things, the school took advantage of our free energy survey to assess current and future running costs.

We were also able to advise on Energy Efficient Financing (EEF) through our partner, Siemens Financial Services as well as through a Government supported scheme to finance projects of this type. With estimated savings in excess of £17,000 per year, we have been able to replace old fittings with new sleek, long lasting, efficient LED fittings without the need for capital expenditure. With savings off-setting the interest free loan, the school benefit from being cash positive from year one. The longer term benefits following full repayment are that future savings are all retained by the school.