

# Emerson Valley Primary School

 Primary School

 476 Pupils

 Milton Keynes

 LED Lighting case study



A school that encourages regular litter picks and trips to the local recycling centre, Emerson Valley School is hugely passionate about the environment. Emerson Valley is a four-form entry junior school, serving a diverse, vibrant and wonderful community, in the Western Flank of Milton Keynes.

## RESULTS



**303**

Carbon tonnes saved



**79%**

Energy savings (LED)



**£184,710**

Lifetime savings

“The quality of lighting for the pupils has significantly improved throughout the school. Ineco’s “design for efficiency” approach reduced the actual number of light fittings by 20%, giving more financial and carbon savings.”

- Angus Rose, Director

## BACKGROUND

Emerson Valley’s lighting was old and degraded, providing a poor learning environment for pupils and staff. Increasing energy bills coupled with costly maintenance and repairs further impacted their budget. The school wanted to create a brighter, more motivating learning environment to enthuse both students and staff and also lower their carbon footprint.

## A BESPOKE SOLUTION

Ineco Energy worked with Emerson Valley to understand their requirements and explain the fully funded options available through the Salix Government Scheme and the Carbon Trust. Ineco undertook a comprehensive lighting audit followed by bespoke lighting designs for each room to meet the schools requirements, relevant lighting standards, and funding criteria.

Ineco handed Emerson Valley through the funding applications and were successfully awarded £8,191 non-repayable contribution from the Carbon Trust and interest-free Salix funding for the balance of the project, meaning there was no upfront cost to the school.

Ineco installed 286 high-quality, energy-efficient LED luminaires from Dextra Lighting. Light quality across the school is significantly improved using 20% fewer fittings, delivering significant energy, cost, and carbon savings.

## FULL FUNDING AND ONGOING SUPPORT

Ineco Energy’s solution didn’t cost the school a penny and delivered cost savings from day one. The school also benefits from a 5-year full warranty giving peace of mind and zero maintenance costs for years to come.