

## STREAMLINED ENERGY AND CARBON REPORTING

As per the requirements of sections 465 and 466 of the Companies Act 2006, the Trust has published its UK energy use as follows:

UK Greenhouse gas emissions and energy use data for the period	1 September 2023 to 31 August 2024	1 September 2024 to 31 August 2025
Energy consumption used to calculate emissions (kWh)		
Energy consumption breakdown (kWh)		
<ul style="list-style-type: none"> <li>• Gas</li> <li>• Electricity</li> <li>• Transport fuel</li> </ul>	2,118,827 1,141,921 1,829	2,163,474 1,039,909 3,264
<b>Total energy</b>	<b>3,262,577</b>	<b>3,206,647</b>
<b>Scope 1 emissions in metric tonnes CO<sub>2</sub>e</b>		
Gas	387.5	395.8
Trust-owned vehicles	0.4	0.8
<b>Scope 2 emissions in metric tonnes CO<sub>2</sub>e</b>		
Purchased electricity	236.4	184.1
<b>Scope 3 emissions in metric tonnes CO<sub>2</sub>e</b>		
Category 6: Business travel (grey fleet)	—	—
<b>Total gross emissions in metric tonnes CO<sub>2</sub>e</b>	<b>624.4</b>	<b>580.7</b>
Intensity ratio		
Tonnes of CO <sub>2</sub> e per pupil	0.170	0.166
Tonnes of CO <sub>2</sub> e per square meter floor area	0.025	0.023

### ***UK energy use and associated greenhouse gas emissions***

Current UK based annual energy usage and associated annual greenhouse gas (“GHG”) emissions are reported pursuant to the Companies (Directors’ Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 (“the 2018 Regulations”) that came into force 1st April 2019.

### ***Organisational boundary***

In accordance with the 2018 Regulations, the energy use and associated GHG emissions are for those assets owned or controlled within the UK only as defined by the operational control boundary. This includes the six schools controlled during the reporting period, along with Trust owned vehicles.

### ***Reporting period***

The annual reporting period is 1st September to 31st August each year and the energy and carbon emissions are aligned to this period.

### ***Quantification and reporting methodology***

The 2019 UK Government Environmental Reporting Guidelines and the GHG Protocol Corporate Accounting and Reporting Standard (revised edition) were followed. The 2025 UK Government GHG Conversion Factors for Company Reporting were used in emission calculations as these relate to the majority of the reporting period. The report has been reviewed independently by Zenergi Limited (trading as Briar Consulting Engineers Limited).

Electricity and gas consumption were based on invoice records, while average road fuel prices were used to calculate litres of fuel from fuel cards for fleet vehicles. Where invoices did not cover the reporting period, consumption was estimated using the direct comparison, pro-rata, and apportioning techniques. On-site renewable solar photovoltaic (PV) is generated from solar panels owned by Eldon Primary School and is accounted under scope 1 emissions. It was confirmed that all generated electricity from solar panels is fed back to the grid. Gross calorific values were used except for mileage energy calculations as per Government GHG Conversion Factors.

The emissions are divided into mandatory emissions according to the 2018 Regulations, then further divided into the direct combustion of fuels and the operation of facilities (scope 1), indirect emissions from purchased electricity (scope 2) and further indirect emissions that occur as a consequence of company activities but occur from sources not owned or controlled by the organisation (scope 3).

Breakdown of energy consumption used to calculate emissions (kWh):	Year ended 31 August 2025
Gas	2,163,474
Purchased electricity from the grid <sup>1</sup>	1,039,909
Consumed electricity from on-site renewable sources <sup>2</sup>	—
Transport fuel	3,264
<b>Total gross energy consumed</b>	<b>3,206,647</b>

Note: figures may not sum due to rounding  
1: 2023/24 figures have been revised following updates.

Breakdown of emissions associated with the reported energy use (tCO <sub>2</sub> e):	Year ended 31 August 2025
<b>Scope 1</b>	
Gas	395.8
Trust-owned vehicles	0.8
Consumed electricity from on-site renewable sources <sup>2</sup>	0.0
<b>Scope 2</b>	
Purchased electricity (location-based) <sup>1</sup>	184.1
<b>Scope 3</b>	
Category 6: Business travel (grey fleet)	0.0
<b>Total gross emissions (mandatory)</b>	<b>580.7</b>

Note: figures may not sum due to rounding  
1: 2023/24 figures have been revised following updates.

### **Intensity Ratio**

Two intensity ratios are reported: Mandatory emissions (tCO<sub>2</sub>e) per pupil and per square meter of floor area. Emissions per pupil is the recommended ratio for the sector, ensuring consistency and comparability, with pupil numbers based on the Autumn 2024 census. Emissions per square meter floor area are reported to reflect the energy efficiency of the buildings, which are the primary source of emissions.

Intensity ratios	Year ended 31 August 2025
Tonnes of CO <sub>2</sub> e per pupil	0.166
Tonnes of CO <sub>2</sub> e per square meter floor area	0.023

In the reporting period, September 2024 – August 2025, the Trust has taken the following energy efficiency actions:

- ◆ Installed new energy-efficient hand dryers in staff toilets.
- ◆ Upgraded additional fluorescent lights to LED fittings that uses significantly less electricity to produce the same amount of light more efficiently.

◆ Continued optimising heating efficiency by using temperature sensors so that boilers only activate when the temperature drops below a set threshold, ensuring heating is only used when necessary.

◆ Shared energy-saving guidance with all staff, developed in-house, to encourage daily energy-efficient practices across the school. As a result of these actions, the Trust achieved a higher energy efficiency rating this year. The continued upgrade to LED lighting alone has made a positive impact on overall energy usage. To further improve energy efficiency, the Trust will take the following actions:

◆ Continue to upgrade the remaining fluorescent lights to LED fittings.

◆ Install sensor-controlled lighting in communal areas, ensure lights are only used when a room is occupied.

◆ Installation of new windows in one of the most needed areas of the School will help prevent heat loss, maintaining a warmer and more energy-efficient learning environment.

The Trust remains committed to reducing its carbon footprint and continues to look out for new energy saving and funding opportunities going forward.