STREAMLINED ENERGY AND CARBON REPORTING REPORT FOR INCLUSION IN TRUSTEES REPORT

UK Greenhouse gas emissions and energy use data for the period 1 September 2022 to 31 August 2023	Current Reporting Year 2022/23	Comparison Reporting Year 2021/22
Energy consumption used to calculate emissions (kWh)	5,825,409	6,135,261
Energy consumption break down (kWh) (optional):		
• gas	4,190,785	4,449,478
• electricity	1,581,441	1,654,170
• transport fuel	53,183	31,613
Scope 1 emissions in metric tonnes CO2e		
Gas consumption	765.07	812.21
Owned transport – mini-buses	0.00	0.00
Total Scope 1	765.07	812.21
Scope 2 emissions in metric tonnes CO2e		
Purchased electricity	327.48	319.88
Scope 3 emissions in metric tonnes CO2e		
Business travel in employee owned vehicles	12.36	7.56
Total gross emissions in metric tonnes CO2e	1104.91	1139.65
Intensity ratio Tonnes CO2e per pupil	0.21	0.24

Quantification and reporting methodology

We have followed the 2019 HM Government Environmental Reporting Guidelines. We have also used the GHG Reporting Protocol – Corporate Standard and have used the 2023 UK Government's Conversion Factors for Company Reporting.

Intensity measurement

The chosen intensity measurement ratio is total gross emissions in metric tonnes CO2e per pupil, the recommended ratio for the sector.

Measures taken to improve energy efficiency

ENERGY: Electricity supply is renewable biomass electricity across the Trust. The Asset Management plan has identified a programme of boiler replacements and all new boilers are/will be biodegradeable. We have invested in LED lighting across the Trust estate with the aim of reducing energy consumption.
ICT: Invested in software to complete automatic shut-downs of computers at 7pm each evening. This prevents unneccesary energy usage for PC's left in standby mode. ICT utilises cloud computing wherever possible. The Trust HTML Strategy has significantly reduced printing levels and reduced pc emmission levels.
MILEAGE: The Trust has introduced a Hybrid Home-Working Policy which aims to reduce travel to/from work and we continue to utlilise technology for meetings to avoid unneccesary travel.