

Four Cs MAT 2021/2022

STREAMLINED ENERGY AND CARBON REPORTING REPORT FOR INCLUSION IN TRUSTEES REPORT

UK Greenhouse gas emissions and energy use data for the period 1 September 2021 to 31 August 2022	2020/21	2021/22
Energy consumption used to calculate emissions (kWh)	4,294,964	3,549,140
Energy consumption break down (kWh) (optional):		
• gas	2,268,694	1,992,760
• electricity	2,020,145	1,535,905
• transport fuel	6,125	20,474
Scope 1 emissions in metric tonnes CO2e		
Gas consumption	415.53	363.76
Owned transport – mini-buses	0.77	3.49
Total Scope 1	416.30	367.24
Scope 2 emissions in metric tonnes CO2e		
Purchased electricity	428.94	297.01
Scope 3 emissions in metric tonnes CO2e		
Business travel in employee owned vehicles	0.74	1.56
Total gross emissions in metric tonnes CO2e	845.98	665.82
Intensity ratio Tonnes CO2e per pupil	0.22	0.18

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 2021 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

Each site will continue a rolling programme to change lighting to LED. Within the new extension of one of the schools existing buildings, underfloor heating has been installed along with the required level of insulation. More sensors have been added to the heating system of another school to get more accurate temperature readings which will further reduce the amount of wasted heating across the site. One school has completed their fixed electrical installation.

ENTER PUPIL NUMBERS IN PALE YELLOW CELLS ONLY

PUPIL NUMBERS FOR INTENSITY RATIO	TOTAL	2020/21
Oct census for academic year report relates to	3665	3781