

Four Cs MAT 2019/2020
STREAMLINED ENERGY AND CARBON REPORTING REPORT FOR
INCLUSION IN TRUSTEES REPORT

UK Greenhouse gas emissions and energy use data for the period 1 September 2019 to 31 August 2020	2019/20
Energy consumption used to calculate emissions (kWh)	2,929,918
Energy consumption break down (kWh) (optional):	
• gas	1,663,861
• electricity	1,245,370
• transport fuel	20,687
Scope 1 emissions in metric tonnes CO ₂ e	
Gas consumption	305.93
Owned transport – mini-buses	2.46
Total Scope 1	308.40
Scope 2 emissions in metric tonnes CO ₂ e	
Purchased electricity	290.35
Scope 3 emissions in metric tonnes CO ₂ e	
Business travel in employee owned vehicles	2.65
Total gross emissions in metric tonnes CO ₂ e	601.40
Intensity ratio Tonnes CO ₂ e per pupil	0.16

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 2020 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

Four school sites. At Arthur Mellows, lighting was changed to LED in 5 classrooms and 2 corridors over the summer holidays. Energy usage was reduced due to partial closure of the schools from March 2020 due to COVID-19. More staff have been working at home, which has reduced mileage costs as more remote meetings have taken place. We will look to continue to reduce mileage in this way by holding meetings virtually, where appropriate.

PUPIL NUMBERS FOR INTENSITY RATIO	TOTAL
Oct census for academic year report relates to	3717

From 2020/21 data for the previous year will need to be included in the report for comparison