

## Four Cs MAT 2020/2021

### STREAMLINED ENERGY AND CARBON REPORTING REPORT FOR INCLUSION IN TRUSTEES REPORT

UK Greenhouse gas emissions and energy use data for the period 1 September 2020 to 31 August 2021	2019/20	2020/21
Energy consumption used to calculate emissions (kWh)	2,929,918	4,294,964
Energy consumption break down (kWh) (optional):		
• gas	1,663,861	2,268,694
• electricity	1,245,370	2,020,145
• transport fuel	20,687	6,125
<b>Scope 1</b> emissions in metric tonnes CO2e		
Gas consumption	305.93	415.53
Owned transport – mini-buses	2.46	0.77
Total Scope 1	308.40	416.30
<b>Scope 2</b> emissions in metric tonnes CO2e		
Purchased electricity	290.35	428.94
<b>Scope 3</b> emissions in metric tonnes CO2e		
Business travel in employee owned vehicles	2.65	0.74
Total gross emissions in metric tonnes CO2e	601.40	845.98
Intensity ratio Tonnes CO2e per pupil	0.16	#REF!

#### 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

Four school sites have been following Covid guidance with increased ventilation all year. For the partial closure of schools, sites remaining open for key worker students during winter months. There were very few school trips and staff moving between sites, remote training and meetings taking place. One site has had a full electrical upgrade and each site will continue a rolling programme to change lighting to LED.

#### ENTER PUPIL NUMBERS IN PALE YELLOW CELLS ONLY

PUPIL NUMBERS FOR INTENSITY RATIO	TOTAL	2019/20
Oct census for academic year report relates to	3781	3717