

| UK Greenhouse gas emissions and energy use data for the period 1 September 2020 - 31 August 2021 | | Current Reporting year 2020/21 | Comparison reporting year 2019/20 |
|--|--|--------------------------------|-----------------------------------|
| Energy consumption used to calculate emissions (kWh) | | 5,160,706 | 3,777,789 |
| Energy consumption break down (kWh): | | | |
| - Gas | | 3,658,156 | 2,603,965 |
| - Electricity | | 1,488,667 | 1,139,516 |
| - Transport fuel | | 7,826 | 26,901 |
| Scope 1 emissions in metric tonnes CO2e | | | |
| Gas consumption | | 670.03 | 478.79 |
| Transport - mini-buses | | 1.41 | 6.85 |
| Total Scope 1 | | 671.44 | 485.64 |
| Scope 2 emissions in metric tonnes CO2e | | | |
| Purchased electricity | | 316.09 | 265.67 |
| Scope 3 emissions in metric tonnes CO2e | | | |
| Business travel in employee owned vehicles | | 1.46 | 1.79 |
| Total gross emissions in metric tonnes CO2e | | 988.99 | 753.09 |
| Intensity ratio Tonnes CO2e per pupil | | 0.24 | 0.19 |

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

We have continued the use of video conference technology for staff meetings rather than face to face meetings and continued our upgrade programme of LED light fittings across our academies to LED lighting.