

## Streamlined energy and carbon reporting

The Academy Trust's greenhouse gas emissions and energy consumption are as follows:

	<b>2023</b>	<i>2022</i>
Energy consumption used to calculate emissions (kWh)	<b>1,686,314</b>	<i>1,844,946</i>
<b>Scope 1 emissions (in tonnes of CO2 equivalent):</b>		
Gas consumption	<b>176.62</b>	<i>197.48</i>
Owned transport	<b>2.70</b>	<i>6.44</i>
<b>Total scope 1</b>	<b>179.32</b>	<i>203.92</i>
<b>Scope 2 emissions (in tonnes of CO2 equivalent):</b>		
Purchased electricity	<b>145.96</b>	<i>141.63</i>
<b>Scope 3 emissions (in tonnes of CO2 equivalent):</b>		
Business travel in employee-owned or rental vehicles	<b>1.15</b>	<i>2.16</i>
<b>Total gross emissions (in tonnes of CO2 equivalent):</b>	<b>326.43</b>	<i>347.71</i>
<b>Intensity ratio:</b>		
Tonnes of CO2 equivalent per pupil	<b>0.14</b>	<i>0.15</i>

The Academy Trust has followed and used the following quantification and reporting methodologies:

- the 2019 HM Government Environmental Reporting Guidelines;
- the GHG Reporting Protocol - Corporate Standard; and
- the 2022 UK Government's Conversion Factors for Company Reporting.

The chosen intensity ratio is total gross emissions in tonnes of CO2 equivalent per pupil, the recommended ratio for the sector.

We have invested in capital improvements to improve energy efficiency, including a new roof at Chatham Grammar and continue to install energy efficient light fittings.