

**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)	2,828,125
Energy consumption break down (kWh) (optional):	
• gas	1,387,091
• electricity	1,254,930
• transport fuel	187,687
Scope 1 emissions in metric tonnes CO2e	
Gas consumption	255.04
Owned transport – mini-buses, delivery vehicles	45792.71
Total Scope 1	46047.75
Scope 2 emissions in metric tonnes CO2e	
Purchased electricity	292.57
Scope 3 emissions in metric tonnes CO2e	
Business travel in employee owned vehicles	43.32
Total gross emissions in metric tonnes CO2e	46383.65
Intensity ratio Tonnes CO2e per pupil	8.49

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

All capital projects have sustainability as a consideration. Projects this year have included LED lighting in over 40 classrooms and the viability of new, more efficient heating system. Local companies are used for works where appropriate to reduce distances travelled.

This is an auto-calculating report. The report on the left will calculate automatically by filling in the necessary data described below. The narrative highlighted in red will need to be updated each year

ENTER CONSUMPTION DATA INTO PALE GREEN CELLS ONLY - SEE UTILITIES AND TRANSPORT TABS

ENTER CONVERSION FACTORS INTO PURPLE CELLS ONLY - SEE UTILITIES AND TRANSPORT TABS

The conversion factors are updated annually and are generally released each year in June.

Use the conversion factors released in the June of the academic year being reported on (June 2020 for 2019/20)

<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

ENTER PUPIL NUMBERS IN PALE YELLOW CELLS ONLY

PUPIL NUMBERS FOR INTENSITY RATIO	Leeds College of Building	TOTAL
Academic year 2019/2020	5461	5461

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

Electricity Usage in kWh

September 2019 - August 2020 electricity conversion factor to kgCO2e:

0.23314

Site	North Street	Southbank 1	Southbank 2	TOTAL
MPAN	00 845 281 23 4653 3866 116	00 845 232 27 0000 1646 980	00 845 671 27 0000 4758 210	
Sep-19	55367	35146	15326	105839
Oct-19	66171	39569	42244	147984
Nov-19	69778	38561	51567	159906
Dec-19	59448	33346	55258	148052
Jan-20	68920	39435	54425	162780
Feb-20	64765	37638	40599	143002
Mar-20	53264	32076	32227	117567
Apr-20	16450	12744	13322	42516
May-20	14680	13914	10263	38857
Jun-20	16006	18112	7073	41191
Jul-20	29112	42829	8968	80909
Aug-20	27327	25363	13637	66327
TOTAL	541288	368733	344909	1254930
TOTAL kgCO2e	126196	85966	80412	292574
TOTAL tCO2e	126.20	85.97	80.41	292.57

Gas Usage in kWh

September 2019 - August 2020 fuels, natural gas conversion factor gross CV to kgCO2e:

0.18387

Site	North Street	Southbank 1	Southbank 2	TOTAL
MPRN	11257801	9338473310	9371880705	
Sep-19	17337	1718	0	19055
Oct-19	101930	24640	0	126570
Nov-19	162920	37160	171	200251
Dec-19	153491	40670	80	194241
Jan-20	160779	41174	0	201953
Feb-20	180875	38778	11	219664
Mar-20	164176	37032	0	201208
Apr-20	81238	24343	0	105581
May-20	28741	0	0	28741
Jun-20	10559	14068	0	24627
Jul-20	21679	13092	23	34794
Aug-20	19378	11028	0	30406
TOTAL	1103103	283703	285	1387091
TOTAL kgCO2e	202828	52164	52	255044
TOTAL tCO2e	202.83	52.16	0.05	255.04

SCOPE 3

Staff travel (miles) managed assets vehicles, average car conversion factor to kgCO2e:	0.27584
2020 SECR kWh pass & delivery vehs, average car conversion factor to kWh:	1.11256

Enter total number of miles claimed by staff in each location each month

Site	All Sites	TOTAL
Sep-19	14961	14961
Oct-19	21822	21822
Nov-19	24208	24208
Dec-19	24527	24527
Jan-20	10933	10933
Feb-20	26031	26031
Mar-20	25576	25576
Apr-20	6107	6107
May-20	896	896
Jun-20	1666	1666
Jul-20	334	334
Aug-20	0	0
TOTAL	157061	157061
TOTAL kWh	174740	174740
TOTAL kgCO2e	43324	43324
TOTAL tCO2e	43.32	43.32

SCOPE 1

Minibus travel (miles)	2020 managed assets vehicles, vans class 2:	0.18900
	2020 SECR kWh pass & delivery vehs, vans class 2:	1.19466

(used in lieu of passenger vehicles conversion)

Vehicle	Minibuses and Flatback	Total
Sep-19		
Oct-19		
Nov-19		
Dec-19		
Jan-20		
Feb-20		
Mar-20		
Apr-20		
May-20		
Jun-20		
Jul-20		
Aug-20		
TOTAL	8895	8895
TOTAL kWh	10627	10627
TOTAL kgCO2e	1681	2452
TOTAL tCO2e	1.68	2.45

SCOPE 1

Combo Van (miles)	2020 managed assets vehicles, vans class 2:	0.18900
	2020 SECR kWh pass & delivery vehs, vans class 2:	0.94

Vehicle	Combo Van
Sep-19	
Oct-19	
Nov-19	
Dec-19	
Jan-20	
Feb-20	
Mar-20	
Apr-20	
May-20	
Jun-20	
Jul-20	
Aug-20	
TOTAL	2469
TOTAL kWh	2321
TOTAL kgCO2e	467
TOTAL tCO2e	0.466641