

Appendix 1 : Carbon emissions (tCO2e) 2022/23

Building emission data, covering primary and secondary school sites is indicated in below. Data includes emissions from energy use and water consumption.

A range of complex factors influence this data, including building size, level of occupancy, energy efficiency, heat source, building fabric, if building management systems are in place and available facilities on the site. Data stated does not reflect adjustments for shared use of premises. As a result, it should be noted a school with higher overall data may be more efficient per pupil and/or footprint.

Further analysis and refining of carbon data for school buildings, including consideration for the above factors, needs to take place to inform plans and decision making.

Buildings data, school estate tCO2e (indicative totals) 2022-23

Site Name	Pupil Roll Data 2023 ²	22-23 tCO2e	Shared use ¹	District heating
Primary				
Abbotswell Primary School	291	132		
Airyhall Primary School	326	114		
Ashley Road Primary School	421	93		
Braehead Primary School	289	101		
Bramble Brae Primary School	170	57		
Brimmond Primary School	521	189		
Broomhill Primary School	452	100		
Charleston Primary School	267	101		
Cornhill Primary School	389	239		
Countesswells Primary School ³	239	39		
Culter Primary School	290	123		
Cults Primary School	578	215		
Danestone Primary School ⁴	214	51		
Dyce Primary School	390	298		
Femielea Primary School	268	121		
Ferryhill Primary School	398	94		
Forehill Primary	317	40		
Gilcomston Primary School	205	129		
Glashieburn Primary School	195	72		
Greenbrae Primary School	369	90		
Hanover Street School	249	112		
Hazlehead Primary School	396	106		
Heathryburn School	342	114		
Holy Family RC Primary School	147	51		
Kaimhill Primary	356	104		
Kingsford Nursery Primary School	321	54		
Kingswells Primary School	396	163		
Kirkhill Primary School	295	118		
Kittybrewster Primary School	316	123		
Loriston Primary School ⁴	447	72		
Manor Park School ¹	244	124		
Middleton Park Primary School ⁴	151	36		
Mile End Primary School	514	171		
Milltimber Primary (new)	309	166		
Milltimber Primary School (old)	-	10		
Muirfield Primary	161	121		
Quarryhill Primary School	304	103		
Riverbank Primary School	413	99		
Scotstown Primary School	201	125		
Seaton Primary School ¹	236	106		

Skene Square Primary School	353	157		
St Josephs RC Primary School	383	156		
St Peters RC School	205	123		
Stoneywood Primary School	454	157		
Sunnybank Primary School	327	190		
Tullos Primary School	367	482		
Walker Road Primary School	308	149		
Westpark Primary School	218	137		
Woodside Primary School	380	195		
Secondary				
Aberdeen Grammar School	1103	683		
Bridge of Don Academy ¹	677	545		
Bucksbum Academy ¹	838	335		
Cults Academy ¹	1076	632		
Dyce Academy	531	459		
Harlaw Academy	912	507		
Hazlehead Academy	1032	321		
Lochside Academy ¹	1068	816		
Northfield Academy	793	401		
Oldmachar Academy	843	361		
St Machar Academy	860	402		

¹tCO2e does not reflect shared use of premises

²Data from pupil roll forecast

³Added Q322/23

⁴Electricity, water data