



St Peters CofE Mansfield Year 2 Impact Report

Date July 2025

LET'S GO

ZERO

2030

This report covers:

1. A comparison of your Year 1 and Year 2 Carbon footprints
2. Your completed Year 1 actions & those to keep/ embed in Year 2
3. Some remaining incomplete actions from Year 1 to consider
4. New suggested actions to raise ambition in Year 2
5. Our ongoing support

What an amazing year...



You have accessed your Nature Park Grant and work has been completed!



You are a flagship school for Trust, Diocese and beyond!



You have mapped your curriculum using the Teach The Future Documents and our CPD!



Your Year 1 Count Your Carbon Score

July 2024 – 199.61 tonnes co₂e

Your Carbon Footprint Report

Your schools total carbon footprint is estimated to be: **199.61 tonnes co₂e* per year**

Operational area	Emissions area	t co ₂ e*	% of footprint
Energy & Utilities	Fuel Usage	24.8	12%
	Electricity Usage	19.1	10%
	Waste Usage	0.2	0%
	Water Usage	0.5	<1%
Transport	Vehicles	0	0%
	School Trips	0.5	<1%
	Student Commutes	28.2	14%
	Staff Commutes	18.5	9%
Food & Drink	Meals	40.9	20%
Purchases	Spending	17.1	9%
	Uniforms	50	25%



*'t co₂e' or 'co₂e' tonnes means 'tonnes of Carbon Dioxide Equivalent'. Under the GHG protocol, 7 greenhouse gases are tracked and summarised as the equivalent amount of Carbon Dioxide that would produce the same warming effect.

Your Year 2 Count Your Carbon Score

July 2025 – 160.15 tonnes co2e

Your Carbon Footprint Report

Your schools total carbon footprint is estimated to be: **160.15 tonnes co2e*** per year

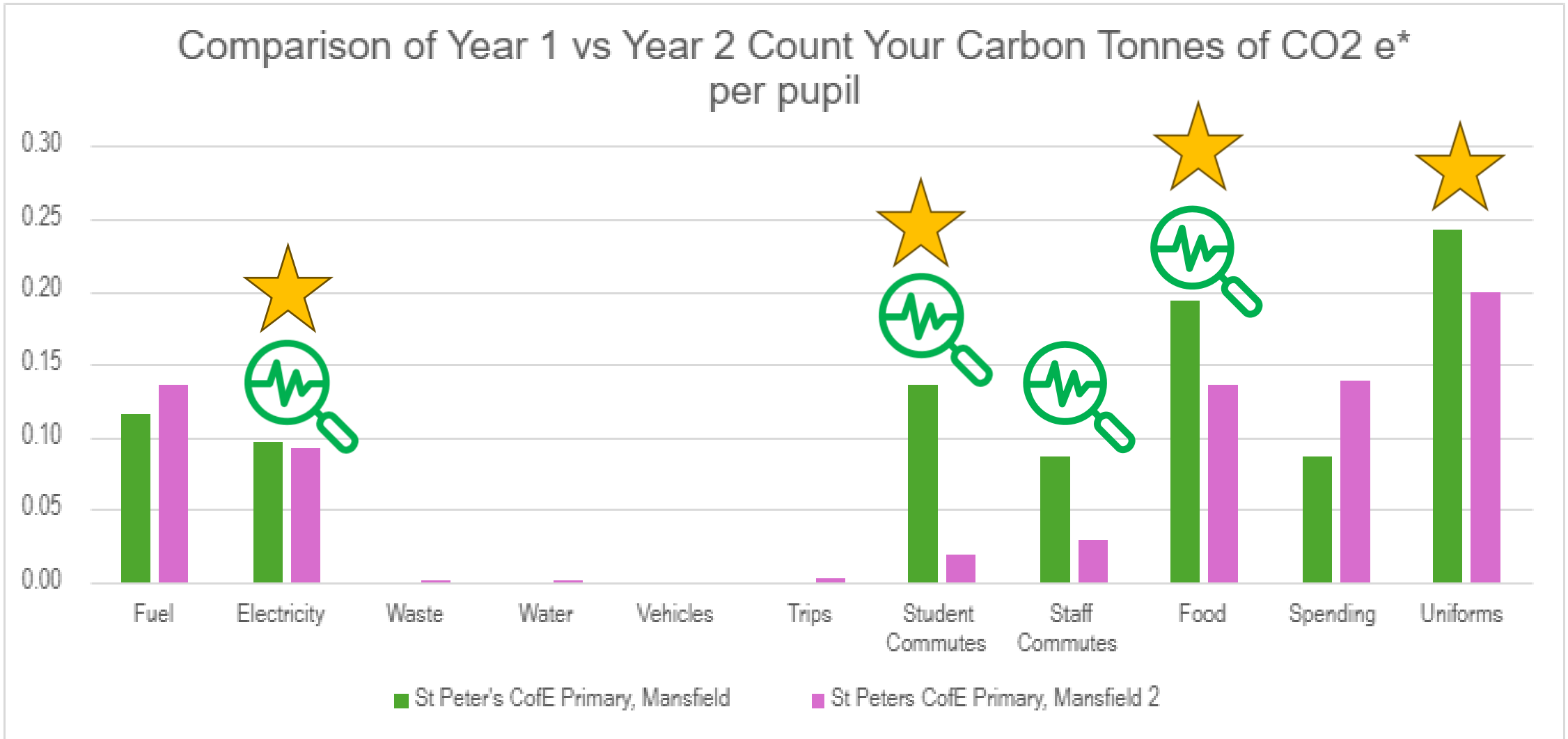
Operational area	Emissions area	t co2e*	% of footprint
Energy & Utilities	● Fuel Usage	28	17%
	● Electricity Usage	19.2	12%
	● Waste Usage	0.1	0%
	● Water Usage	0.4	<1%
Transport	● Vehicles	0	0%
	● School Trips	0.5	<1%
	● Student Commutes	3.9	2%
	● Staff Commutes	6.1	4%
Food & Drink	● Meals	28	17%
Purchases	● Spending	28.7	18%
	● Uniforms	45.3	28%



*'t co2e' or 'co2e' tonnes means 'tonnes of Carbon Dioxide Equivalent'. Under the GHG protocol, 7 greenhouse gases are tracked and summarised as the equivalent amount of Carbon Dioxide that would produce the same warming effect.

How your two calculations compare per pupil

Note: includes 10% uniform reuse. Original electricity figure was lower than as recorded on Systemslink so you have actually made greater savings than shown here

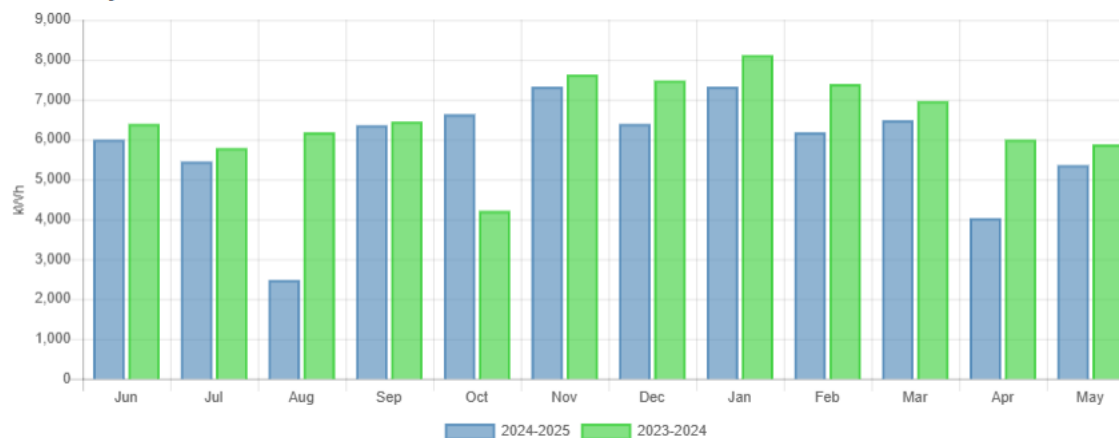


Tonnes of CO2 per year. Data taken from your two Count Your Carbon scores plus an estimated 10% reuse of uniforms

Month	2024-2025	2023-2024	Variation	
	kWh	kWh	kWh	%
Jun	6,014	6,407	-393	-6
Jul	5,456	5,801	-345	-6
Aug	2,486	6,177	-3,691	-60
Sep	6,364	6,440	-76	-1
Oct	6,651	4,210	2,441	58
Nov	7,343	7,648	-305	-4
Dec	6,392	7,486	-1,094	-15
Jan	7,338	8,116	-778	-10
Feb	6,170	7,393	-1,223	-17
Mar	6,489	6,960	-471	-7
Apr	4,032	5,990	-1,957	-33
May	5,358	5,888	-530	-9
Total	70,093	78,515	-8,422	-11



Electricity



Systemslink shows you actually reduced your electricity use by 11% this year.





In the areas where you have focused action, as a school, you have reduced an estimated 41 tonnes co2e which is equivalent to 20% of your baseline result*

- Student commute: 24.3 tonnes saved. The percentage of students walking/cycling to school has gone from 44%-75% - congratulations! (Note: Staff commute has also dropped 12.4 tonnes. but this is due to a change in methodology of the Count Your Carbon calculation so not included in the above estimated savings)
- Food: 12.9 tonnes saved – 43% of meals selected are now planet friendly (veggie) compared to 30% before. (Note, the overall total meals was lower in the typical week provided this year, so that will have also reduced your school's footprint but increased the parents' footprint from packed lunches!)
- Uniform: 5 tonnes saved (based on an estimated reuse of 10% of all items.)

You have also made significant culture and curriculum changes . Many congratulations to you and the team for your hard work and dedication!

Your completed Year 1 actions

Actions we suggest you continue

- ✓ Signed up to Let's Go Zero campaign
- ✓ Completed Count Your Carbon calculation
- ✓ Enrolled with the National Education Nature Park
- ✓ Accessed your Nature Park Grant
- ✓ Increased biodiversity to support local wildlife
- ➔ ✓ Increased planting of available areas
- ✓ Had pupils carry out wildlife surveys
- ✓ Conducted a heat audit of the school site checking that windows and blinds open and close.
- ✓ Subscribed to receive the UK Health Security Heat Health Alert
- ✓ Completed a curriculum audit & incorporate sustainability
- ✓ Provided CPD opportunities for staff on sustainability
- ✓ Power down strategies for appliances (fridges and freezers over holidays)
- ✓ Arranged a menu consultation through external organisation eg ProVeg (via NCC Catering)
- ➔ ✓ Offered a vegan / vegetarian option every day
- ✓ Contacted your waste collectors to organise food waste disposal and diversion to AD
- ➔ ✓ Ran active travel campaigns
- ✓ Encouraged staff to car pool
- ➔ ✓ Started a uniform swap shop

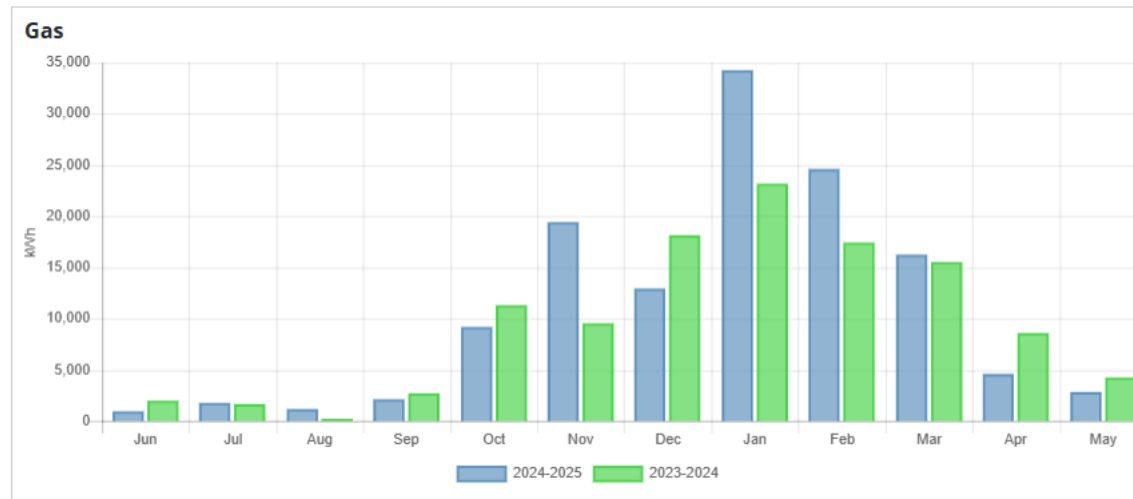
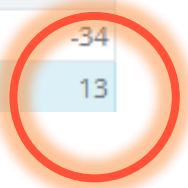


Some remaining incomplete actions from year 1 to consider

- Ensure your BMS/BEMS has efficient timings and temperatures set for the school day (analysis on next slide)
- Ensure the premises manager is effectively trained to optimise the BMS/BEMS
- Monitor energy use on a regular basis through platforms such as Systemslink
- Take part in a Switch Off campaign
- Install LED lighting (continue with your planned roll out)
- Add sustainability goals/ projects/ successes to school website
- Explain reasons for eating less meat during lessons, assemblies etc (*Encourage NCC to respond to the ProVeg menu suggestions?*)
- Increase meat-free offer on multiple days or number of meat-free options e.g. sandwiches (*as above*)



Month	2024-2025	2023-2024	Variation	
	kWh	kWh	kWh	%
Jun	947	2,018	-1,071	-53
Jul	1,728	1,691	37	2
Aug	1,186	203	983	483
Sep	2,149	2,668	-519	-19
Oct	9,235	11,361	-2,126	-19
Nov	19,407	9,598	9,809	102
Dec	12,961	18,104	-5,143	-28
Jan	34,274	23,206	11,068	48
Feb	24,675	17,483	7,192	41
Mar	16,213	15,576	637	4
Apr	4,594	8,592	-3,998	-47
May	2,785	4,240	-1,455	-34
Total	130,154	114,740	15,414	13



Systemslink shows your gas use increased by 13% this year



New suggested actions to tackle your areas of challenge in year 2

Energy use:

“As the budget allows – we aim to place all point of use water heaters in classrooms under timer control and replace all heating thermostats in classrooms with modern digital controls which can be locked and timed.”

- Ensure your hot water system has efficient timings and temperature set
- Install TRVs on radiators
- Maximise use of Systemslink
- Access support from your local Net Zero Hub
- Consider an energy audit or heat decarbonization plan

Food:

- Encourage NCC catering to adopt the menu improvements suggested by ProVeg



Next steps

Next week

We will send over your Year 2 Climate Action Plan and guidance on getting started

6-month checkpoint (set date now)

Check-in on progress and review actions

Full year checkpoint

Re-run Count Your Carbon calculation

Year 3

Review actions and add to your year 3 action plan

Contact your Climate Action Advisor anytime with questions or updates of your progress.

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