OUR YEARLY CARBON FOOTPRINT IS...

ENERGY

147 kgCO2e per pupil

This is similar per pupil to most schools on the Zero Carbon Schools programme

TRAVEL

62 kgCO2e per pupil

This is similar per pupil to most schools on the Zero Carbon Schools programme

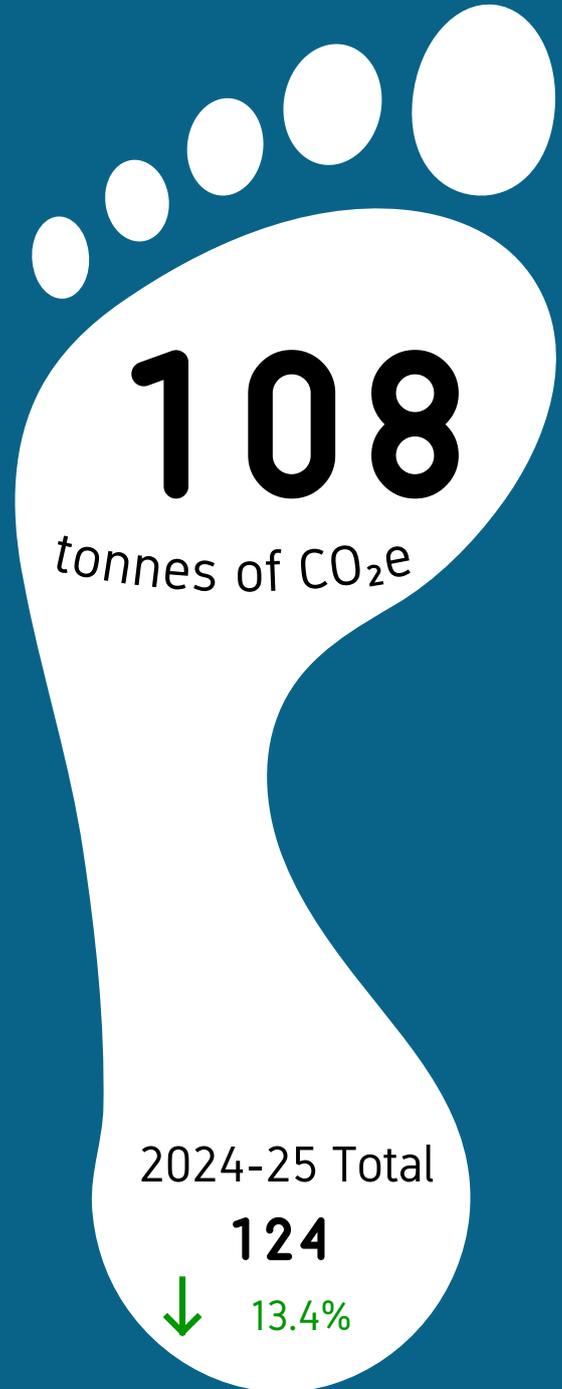## PURCHASING

116 kgCO2e per pupil

This is similar per pupil to most schools on the Zero Carbon Schools programme
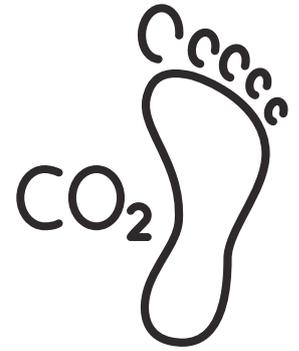
FOOD

145 kgCO2e per pupil

This is similar per pupil to most schools on the Zero Carbon Schools programme

108
tonnes of CO_2e

2024-25 Total
124
↓ 13.4%

Congratulations on calculating your annual carbon footprint! Knowing your carbon footprint is an important first step. What could you do to reduce it?

What is a carbon footprint?

A carbon footprint is the amount of greenhouse gases, especially carbon dioxide, released into the atmosphere by human activities. It can be calculated for a person, an organisation, or even a country, such as the United Kingdom.

CO_2

What do the high, medium, low ratings mean?

See the table below for details of what is considered to be high, medium, or low carbon emissions per pupil per year. This was calculated using data from schools participating in Zero Carbon Schools 2024-25.

The ratings are most useful in comparing within the school and prioritising areas to take action.

The data is taken from a small number of schools (102), so having a red rating in any particular area is not necessarily bad, but could mean that there is a bigger potential for reduction than an area with a green rating.

Just by calculating your carbon footprint, you are ahead of the vast majority of schools in the country who haven't yet taken this step.

	High (kg CO_2e per pupil)	Medium (kg CO_2e per pupil)	Low (kg CO_2e per pupil)
Energy	More than 260	Between 140 and 260	Less than 140
Travel	More than 100	Between 60 and 100	Less than 60
Purchasing	More than 130	Between 70 and 130	Less than 70
Food	More than 170	Between 140 and 170	Less than 140

This carbon calculator is the first to be developed, by Green Schools Project, specifically for schools in the UK. We hope that you find it helpful to prioritise areas to make reductions through pupil projects and school-led initiatives. Continuing to take part in the Zero Carbon Schools programme will enable you to track your footprint year on year until you become a...

ZERO CARBON SCHOOL

RECOMMENDATIONS

ENERGY - 147 kgCO2e per pupil

- Ensure heating settings are 15 - 20 degrees. 18 degrees is suitable for classrooms, 15 degrees for corridors and sports hall, 20 degrees for offices. Reducing the temperature in a building by 1ºC can save 5% to 10% of your annual heating bill. Operating the heating system for an hour less each day can save a similar amount. See Department for Education Energy Efficiency Guidance on Heating, Lighting, Electrical equipment and the use of Renewable Energy.

- Update heating timings to ensure that heating only comes on when required. Ensure heating is off at weekends and school holidays when the buildings are not being used.

- If the school has out of hours lettings, ensure that only the part of the buildings that are being used are being heated.

- Put stick on wall thermometers in classrooms and assign energy monitors to check that classrooms are not over-heated.

- Ensure external doors and windows are closed when the heating is on.

- Run a campaign to ensure electronics like lights, projectors, computers, printers and interactive boards are switched off when not in use.

- Sign up to Energy Sparks - An online energy analysis tool and energy education programme. It helps pupils to monitor the school's energy usage, which can help them to show the impact of any energy saving projects. They also have many project ideas to help the school save energy and reduce bills.

- Change your light bulbs in both indoor and outdoor spaces to LEDs, this can be done at no up-front cost through eEnergy - Green Schools Project has an agreement in place so if you use them, we receive a small percentage of the fee to support our work. Please use this link to register an interest, and mention us in your enquiries.

- Install solar panels - Solar For Schools works exclusively with schools to install solar panels at no up-front cost. Green Schools Project has an agreement in place so, if you use them, we receive a small payment to support our work. Please mention us in your enquiries.

- Access government funding through the Salix Finance scheme to improve energy efficiency, reduce carbon emissions and lower bills.

- Switch to a renewable electricity provider to reduce your carbon emissions from electricity to zero.

- Implement building fabric measures such as draught proofing to reduce heat loss from buildings at relatively low cost. See DfE Energy Efficiency Guidance on Heating. Insulating bare heating pipes will reduce heat loss by between 50% and 70%.

- Use teaching materials prepared by the Energy Saving Schools Challenge - Energy Saving Trust.