Climate Action Plan

Greenfields Primary School and Nursery

One year plan: Autumn 2026 – Autumn 2027

Your Carbon baseline: tonnes 650.44 CO_2e Date: July 2025

Your Carbon Footprint Report

Your schools total carbon footprint is estimated to be: 650.44 tonnes co2e* per year

Operational area	Emissions area	t co2e*	% of footprint
Energy & Utilities	Fuel Usage	52	8%
	Electricity Usage	26.8	4%
	Waste Usage	0.2	0%
	Water Usage	0.9	<1%
Transport	Vehicles	5.2	<1%
	School Trips	9.8	2%
	Student Commutes	194.7	30%
	Staff Commutes	110.2	17%
Food & Drink	Meals	115.5	18%
Purchases	Spending	29.7	5%
	Uniforms	105.6	16%

*'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.

Note: Overall per pupil, your emissions are above average. Your student and staff commutes and emissions from food are the areas where most impact can be made and make good priorities.

Name(s) of your School's Sustainability Champion(s)	Claire Tyrrell-Smith Berlinda Asumang Molly Bryce

Decarbonisation and Energy Efficiency:

Calculating and taking actions to reduce carbon emissions and becoming more energy efficient

Action	Timeframe	Key stakeholders	Link to School Improvement Plan	Progress Track
Sign up to Let's Go Zero. By joining this campaign, your school confirms that it is taking action now to reduce its own carbon impact, and that it demands the UK Government help all schools reach this goal by the end of the decade. **Useful links** Let's Go Zero	**Start date: 24/09/2025** **Review date:24/11/2025**	SLT Community team	**Personal Development:** The school consistently promotes the extensive personal development of pupils through our focus on becoming a sustainable school. We go beyond the expected, so that pupils have access to a wide, rich set of experiences as we work towards a more equitable future. Opportunities for pupils to develop their talents and interests in our pupil-led sustainability work are of exceptional quality.	
Count Your Carbon – Carbon Calculator: This free digital tool allows you to calculate the carbon footprint for your educational setting. **Useful links** Count Your carbon	**Start date: 24/09/2025** **Review date: 24/11/2025**	SLT Senior Administrator Community team		
Energy - Behaviour Change • **Introduce a school policy around lighting use** • **Take part in a switch off campaign** • **Monitor energy use on a regular basis through Energy Sparks** • **Instruct all staff to follow heating efficiency practices and ensure that BEMS has efficient timings and temperatures** **Greenfields priorities and next steps (2026–2027)**	**Start: Oct 2026** Review: Dec 2026, Apr 2027 and Jul 2027	**Premises team** School Council / JLT Community team	**Pupil Voice and School Council:** The school consistently promotes and values pupil voice, ensuring that all children feel heard, respected and empowered to contribute to school improvement. Through our School Council, pupil	**Proposed - confirm implementation.** Evidence: posters, campaign dates and energy review notes.

Immediate (Autumn 2026): Remind staff and pupils to switch off lights and equipment when rooms are empty; display child-friendly switch-off signs. This year: Hold one school-wide switch-off campaign each term. Premises/office staff to review available energy-use information termly. Long-term goal: Develop a consistent lighting/heating guidance document and explore Energy Sparks monitoring.			questionnaires and wider consultation, pupils are provided with meaningful opportunities to express their views, represent their peers and actively influence decisions that shape school life. We foster leadership, responsibility and a sense of ownership by encouraging pupils to identify areas for improvement, propose solutions and lead positive change. Pupil voice is central to our commitment to creating an inclusive, supportive and sustainable school community where every child has the opportunity to make a difference.	
Energy – Buildings and Infrastructure • **Install LED lighting** • **Draught proof around windows and doors** • **Investigate the potential for solar panels** **Greenfields priorities and next steps (2026–2027)** This year: Premises team to identify obvious draughts and report practical low-cost improvements; discuss energy-efficiency priorities with the Trust. Long-term goals: Investigate phased LED replacement, draught-proofing improvements and the feasibility of solar panels, subject to budget and Trust approval.	**Start: Spring 2027** Review: Jul 2027	**Premises team** Trust Sustainability / Estates Team		**Proposed - subject to feasibility.** Evidence: audit and Trust feedback.
Food • Explain reasons for eating less meat through curriculum, assemblies etc, promote plant-based options • Offer a vegetarian/vegan option every day • Increase meat-free offer over multiple days/number of meat-free options • Introduce an additional plant based/Planet friendly day **Greenfields priorities and next steps (2026–2027)**	**Start: Autumn 2026** Review: Spring 2027	**Lunchtime / catering team** School Council Community team		**Proposed - catering approval required.** Evidence: menu review, pupil voice and activity record.

Immediate: Check current school meal options with the catering team and share age-appropriate information about food and its environmental impact. This year: School Council to explore pupil views on meat-free choices and work with catering on a low-pressure tasting/promotion activity if feasible. Long-term goals: Explore additional plant-based or planet-friendly menu days with the catering provider.				
Waste • Ensure labelled recycling bins are in all key areas, not just paper in classrooms/offices • Engage with a plastic reduction campaign • Use and provide reusable cups bottles • Establish procedures for reuse of school supplies **Greenfields priorities and next steps (2026–2027)** Immediate: Check recycling provision in classrooms and shared areas; create clear, child-friendly labels and reminders. Promote reusable water bottles. This year: School Council to run a waste-awareness initiative and identify reusable classroom/event supplies. Long-term goals: Explore wider plastic-reduction campaigns and more consistent reuse/repair procedures.	**Start: Oct 2026** Review: Dec 2026 and Jul 2027	**School Office Team** School Council / Eco-Team Community team		**Proposed - audit first.** Evidence: bin checks, signs and pupil campaign.
Procurement • **Consider carbon footprint and environmental practices of the services/companies we use** • **Include sustainability as part of criteria for procurement** • **Factor in energy efficiency when buying new equipment e.g. ovens, fridges, kettles** • **Reuse school uniform through a uniform exchange** • **Reuse PE kit through a uniform exchange** • **Incentivize donations to the uniform exchange** • **Incentivize acquiring uniform through the unform exchange** **Greenfields priorities and next steps (2026–2027)** Immediate: Continue to promote pre-loved uniform and book swaps through school communications; confirm the arrangements and frequency with FROGS. This year: Encourage reuse of PE kit and school resources before buying replacements. Consider sustainability when selecting suitable new supplies.	**Start: Autumn 2026** Review: Summer 2027	**School Office Team** FROGS Premises team		**Existing activities to verify.** Evidence: swap dates, newsletter notices and purchasing discussion.

Long-term goals: Develop formal sustainable purchasing criteria and assess energy efficiency for major equipment purchases.				
Transport • **Promote walking/cycling/public transport to school/Park and Stride** • **Provide cycle proficiency lessons in school** • **Create a 'school street' outside the school gate/other measures in the school travel plan** • **Encourage staff to carpool** • **Offer staff cycle to work schemes** • **Install EV charging points** **Greenfields priorities and next steps (2026–2027)** Immediate: School Council to gather pupil voice on journeys to school and promote walking, scooting and cycling where safe. This year: Work with Brightwayz and the local school travel team, if available, to explore an active-travel event or Park and Stride message. Repeat travel survey to assess change. Long-term goals: Explore a walking bus, scooter disco, learn-to-cycle opportunities, bike/scooter swap and wider travel-plan improvements. Staff car sharing and EV charging remain options for future review.	**Start: Autumn 2026** Review: Summer 2027	**School Council team** Sports team School Office / Community team		**Proposed - partner engagement to confirm.** Evidence: travel surveys and event records.

Climate Adaptation and Resilience:

Taking actions to reduce the risk of flooding and overheating and to future-proof scarce resources for potential shortages

Action	Timeframe	Key stakeholders	Link to School improvement plan	Progress Track

Water • **Install systems to reduce water wastage eg controlled flow measures in bathrooms and leak detection (taps)** • **Raise awareness around water consumption and efficiency through workshops and displays/visits to waterworks by water provider** **Greenfields priorities and next steps (2026–2027)** Immediate: Premises team to check for dripping taps and obvious water wastage; pupils to design simple water-saving reminders. This year: Include water-use awareness in assemblies or class activities. Long-term goals: Explore flow controls, leak monitoring and water-provider workshops where practical.	**Start: Spring 2027** Review: Jul 2027	**Premises team** School Council / Eco-Team		**Proposed. Evidence: checks, repairs and pupil posters.**
Adaptation and Resilience • **Write a heatwave policy** • **Conduct a grounds audit using LtL tool for climate resilience** **Greenfields priorities and next steps (2026–2027)** This year: SLT and premises team to review existing hot-weather arrangements and identify areas of the grounds most exposed to heat, shade or surface-water issues. Long-term goals: Develop a formal heatwave response where required and use a grounds resilience audit to guide shade, planting or drainage improvements.	**Start: Spring 2027** Review: Jul 2027	**SLT** Premises team		**Proposed. Evidence: policy review and brief grounds audit.**

Biodiversity and Green Infrastructure:

Creating habitats and adopting practices that will enhance species diversity on the school estate and beyond

Action	Timeframe	Key stakeholders	Link to School improvement plan	Progress Track
Nature -enrol with The Nature Park (NENP): The National Education Nature Park has been developed by a partnership led by the Natural History Museum with the Royal Horticultural Society, supported by the Royal Society, Royal Geographical Society (with IBG), Manchester Metropolitan University, Learning Through Landscapes, UK Centre for Ecology and Hydrology and the National Biodiversity Network Trust. The partnership is working with geospatial partner Esri UK who are providing the digital mapping platform for the Nature Park programme. **Greenfields priorities and next steps (2026–2027)** Immediate: Review existing allotment and outdoor-learning opportunities; identify a small number of achievable pupil-led improvements. This year: Plan a seasonal planting/growing cycle and use the allotment to help pupils understand food, habitats and ecosystems. Explore one manageable biodiversity project linked to Earth Day. Long-term goals: Explore participation in the National Education Nature Park, habitat mapping and additional wildlife-friendly spaces as resources allow.	**Start: Autumn 2026** Review: Jul 2027	**Outdoor learning / allotment team** School Council / Eco-Team Class teachers		**Proposed - confirm current practice.** Evidence: planting plan, pupil work and photographs (subject to consent).

Climate Education, Green Skills and Careers:

Ensuring the education you provide gives knowledge-rich and comprehensive teaching about climate change, and that your teaching staff feel supported to offer this

Action	Timeframe	Key stakeholders	Link to School improvement plan	Progress Track

Curriculum • Complete a curriculum audit and incorporate sustainability **Greenfields priorities and next steps (2026–2027)** Immediate: Audit existing curriculum units to identify where sustainability, climate, resources and biodiversity are already taught. This year: Identify appropriate opportunities in science, geography, art and PSHE; use Earth Day 2027 for a shared whole-school focus. Long-term goal: Embed coherent climate education and review progression across year groups.	**Start: Autumn 2026** Review: Spring and Summer 2027	**Curriculum leads** Class teachers Community team		**Proposed. Evidence: curriculum audit and planning examples.**
Green Skills and Careers • **Access the Climate Ambassadors scheme** Climate Ambassadors: Turning Climate Ambition into Climate Action in Education | Climate Ambassadors **Greenfields priorities and next steps (2026–2027)** This year: Include at least one environmental or sustainability-linked career in Careers Week / Apprentice Day where suitable partners are available. Long-term goals: Explore the Climate Ambassadors scheme and build partnerships with environmental professionals who can support pupil learning.	**Start: Spring 2027** Review: Jul 2027	**Careers / Community team** Curriculum leads		**Proposed. Evidence: visitor invitations and event evaluation.**
Culture • **Set up a sustainability working group including community members** **Greenfields priorities and next steps (2026–2027)** Immediate: Agree a small sustainability working group with School Council representation and a termly review routine. Promote pre-loved books and clothing through school newsletters. This year: Encourage low-waste approaches to themed days and school events; give pupils ownership of a practical campaign each term. Long-term goals: Broaden family/community participation and develop an enduring culture of reuse, repair and environmentally responsible choices.	**Start: Autumn 2026** Review: Termly	**Sustainability champions** School Council FROGS / Community team		**Proposed. Evidence: meeting notes, campaigns and newsletter items.**

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letsgozero.org
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