



Climate Action Plan

Worthington School

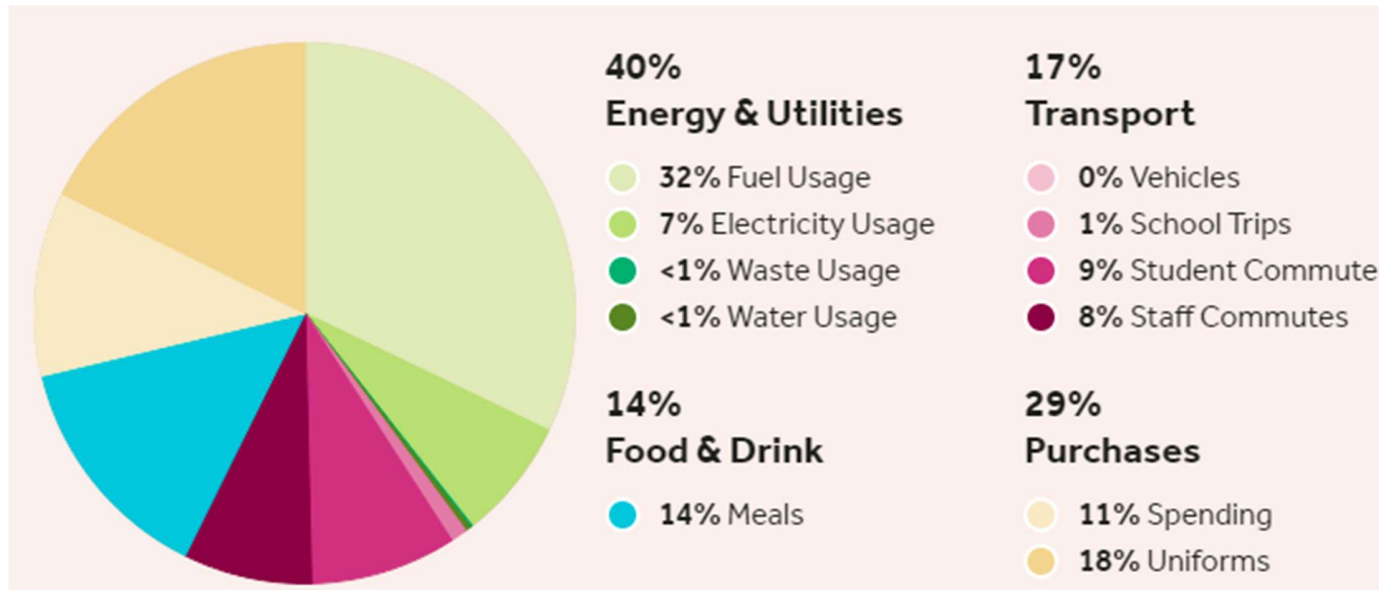
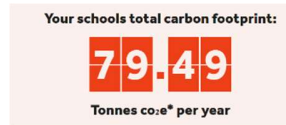
One year plan: Autumn 2024 - Autumn 2025

Your Carbon baseline:

13th November 2024

79.49 Tonnes CO₂e per year

Date of calculation:



*'Tonnes 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.

Decarbonisation and Energy Efficiency:

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

Action	Cost benefit	Ease of implementation	Timeframe	Key stakeholders	Link to School Improvement Plan	Progress Track
<p>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</p>	<p>Input: No cost</p> <p>Output: N/A</p>	<p>Easy</p>	<p>Signed up 30.09.2024</p>	<p>SLT member</p>	<p>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.</p>	<p>Action completed.</p>
<p>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</p>	<p>Input: No cost</p> <p>Output: High savings</p>	<p>Moderate</p>	<p>Start date: Completed Nov 2024</p> <p>Review date: Nov 2025</p>	<p>Sustainability Lead</p>	<p>Our school consistently promotes the extensive personal development of pupils through our sustainability work. The school goes beyond the expected,</p>	<p>Baseline calculated in Nov 2024 (using 2023-24 data). New calculation for 2024-25 emissions to be done in Nov 2025.</p>
<p>Energy - heating</p> <ol style="list-style-type: none"> Ensure the boiler has efficient timings and temperatures set for the school day e.g. 7am-1pm at 18 degrees. See best practice on heating. Best temperatures for schools are: <ul style="list-style-type: none"> Normal classrooms: 18°C Corridors: 15°C 	<p>Input: No cost</p> <p>Output: High savings</p>	<p>Moderate</p>	<p>Start date:</p> <p>Review date:</p>		<p>Personal Development: Our school consistently promotes the extensive personal development of pupils through our sustainability work. The school goes beyond the expected,</p>	

<ul style="list-style-type: none"> ▪ Areas with high levels of activity (e.g. sports halls): 15°C ▪ Areas with low levels of activity: 21°C ▪ Special needs schools or areas with very young children: 21°C <ol style="list-style-type: none"> 2. Consider turning off gas heating earlier and allowing residual heat to remain (e.g. turning heater off one hour earlier in an 8-hour day). This could save around 12% in both usage and cost. 3. Instruct all staff to follow heating efficiency practices e.g. open internal doors vs opening windows/external doors. See guidance on energy efficiency for schools. 4. Run a Layer Up Power Down Day. 5. Work with your Climate Action Advisor to investigate compatibility of newly installed oil boiler with biofuels use which could reduce carbon emissions on school heating. *CAA to get details of oil boiler from school* 					<p>so that pupils have access to a wide, rich set of experiences such as running our energy reduction campaigns. Opportunities for pupils to develop their talents and interests are of exceptional quality.</p>	
<p>Energy – management</p> <ol style="list-style-type: none"> 1. Sign up to Energy Sparks, this online energy monitoring platform enables schools to visualise their energy usage. Energy Sparks provides student friendly dashboards and a competitive element between schools which are signed up to reduce their consumption and thus make great savings. 2. Appoint pupil energy monitors in every classroom to support energy reduction with student leadership. 3. Take part in a Switch off Campaign e.g. Switch off Fortnight: The Pod Campaigns (jointhepod.org) Aim for 10% reduction of energy use (the typical amount saved by participating schools). 	<p>Input: No cost</p> <p>Output: High savings</p>	<p>Moderate</p>	<p>Start date:</p> <p>Review date:</p>			

<p>Energy - renewables</p> <p>1. Engage with Photon Energy (which acquired Sundog Solar) at 0118 997 7470 or email info@photonenergy.co.uk to enquire about maintenance or rehabilitation of your solar panels.</p>	<p>Input: Low cost</p> <p>Output: High savings</p>	<p>Moderate</p>	<p>Start date:</p> <p>Review date:</p>			
<p>Food</p> <p>1. Introduce a 'meat-free' day 1x a week, starting with well-known dishes and clever alternatives.</p> <ul style="list-style-type: none"> Let's Go Guide: Green Your Canteen <p>2. Engage with ProVeg on their free menu consultation service and advice to help nudge positive behaviours.</p> <p>3. Promote and increase uptake of plant-based meals through pupil-led assemblies or lessons.</p> <ul style="list-style-type: none"> Canteen to Classroom provides free, evidence-based 'ready-to-go' lesson plans for teachers to teach children about where food comes from, how it is made and its impact on our health and the planet. <p>4. Consider composting 'snack foods' onsite.</p> <ul style="list-style-type: none"> Leicestershire Master Composter provides advice and support on composting RHS guide on composting for schools 	<p>Input: No cost</p> <p>Output: No savings</p>	<p>Easy</p>	<p>Start date:</p> <p>Review date:</p>	<p>Relish Catering Lead (1 & 2)</p>	<p>Personal Development: The way our school goes about developing pupils' character through their Climate Conscious choices is exemplary and is worthy of being shared with others. We work with schools across our region sharing our strategies and successes to benefit the whole education sector.</p>	
<p>Waste</p> <p>1. Conduct a waste audit and engage the pupils in the whole process.</p> <ul style="list-style-type: none"> Wastebuster has a step-by-step guide on waste auditing. <p>2. Ensure that there are bins in all relevant areas of the school, including the staff room, to make choosing to recycle easy. With the new recycling regulation, you will need a minimum of three separate bins for food waste, dry mixed recycling [paper, cardboard, glass, metal, plastic] and non-recyclable waste.</p>	<p>Input: 1 & 4 No cost 2 & 3 Low cost for new bins</p> <p>Output: Low savings</p>	<p>Easy</p>	<p>Start date:</p> <p>Review date:</p>		<p>Personal Development: There is strong pupil take-up of the opportunities to be involved in waste reduction projects provided by our school. The most disadvantaged pupils consistently benefit from this excellent work for example by working in our Eco Team coordinating our waste projects.</p>	

<p>3. Ensure all site staff and pupils understand the changes and what should go in each bin. Provide assembly, lessons, waste monitors, posters, activity resources, etc - e.g. Wastebuster + Recycle Now</p> <p>4. Implement clear signage on bins to support with behaviour change.</p> <ul style="list-style-type: none"> • Wastebuster have signs and resources designed for primary age access • Food waste bin labels on Guardians of Grub <p>5. Contact waste collector to arrange for the collection of the core recyclable waste streams (food, plastic, paper, glass and metal).</p>						
<p>Procurement</p> <p>1. Further expand or embed your Uniform Exchange, either a permanent Swap Shop or a pop-up at community events e.g. Christmas fair, parents' evenings and other school events.</p> <ul style="list-style-type: none"> • Engage with NW Leicestershire district council on their uniform swap shop programme. <p>2. Consider the carbon footprint and environmental practices of the services or companies you use.</p> <p>3. Include sustainability as part of your criteria for procurement e.g. made of recycled materials, non-toxic or ethically sourced.</p> <p>4. Consider using the School Resources Exchange when purchasing new furniture/ equipment. Use this service when disposing of items too. School Resources Exchange - SELL BUY SWAP</p> <p>5. Factor in energy efficiency when buying new equipment such as ovens, fridges, kettles etc. (using efficiency ratings to guide purchases).</p>	<p>Input: No cost</p> <p>Output: Low savings</p>	<p>Moderate</p>	<p>Start date:</p> <p>Review date:</p>		<p>Spiritual, moral, social and cultural development: Our school sustainability work engenders acceptance of and engagement with the fundamental British values of individual liberty and mutual respect. Activities such as our Uniform Exchange ensure that children know how to value and respect our world and each other.</p>	

<p>Transport</p> <ol style="list-style-type: none"> Participate in the three annual Active Travel Weeks: Living Streets, Sustrans Big Walk and Wheel and Cycle to School Week. Aim for these events to trigger a permanent shift to sustainable travel from students who live locally enough to do so. <ul style="list-style-type: none"> Modeshift STARS e.g. Walking Bubbles International walk to school Month: October Seek support from Modeshift STARS to develop and implement your active travel plan. Encourage and promote carpooling / lift sharing. Monitor air quality around school. <ul style="list-style-type: none"> Sign up for Asthma and Lung's Clean Air Champion programme 	<p>Input: No cost</p> <p>Output: N/A</p>	<p>Moderate</p>	<p>Start date:</p> <p>Review date:</p>		<p>Personal Development: We develop pupils' character through developing their understanding of how to keep physically healthy, eat healthily and maintain an active lifestyle, including giving ample opportunities to learn about sustainable lifestyle choices.</p>	
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Climate Adaptation and Resilience:

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

Action	Cost	Ease of implementation	Timeframe	Key stakeholders	Link to School improvement plan	Progress Track
<p>Water</p> <ol style="list-style-type: none"> Get the water tank leak fixed as soon as possible to avoid property damage and reduce water bills. Leakage in Water Tank - What to Do & How to Fix it Checkatrade 	<p>Input: No cost</p> <p>Output:</p>	<p>Easy</p>	<p>Start date:</p>			

<ol style="list-style-type: none"> 2. Track and measure your school's water usage. Involve the pupils to do a water audit using this resource to further promote and champion water saving habits. 3. Install a waterbutt to support growing projects. 4. Continue to raise awareness around water consumption and efficiency through workshops and displays that may be offered by your water provider e.g. Severn Trent. 5. As end of life comes to taps and toilets, ensure that the replacements include flow reduction measures to save as much water as possible. 	<p>High saving</p>		<p>Review date:</p>			
<p>Adaptation and Resilience</p> <ol style="list-style-type: none"> 1. Plan for and take measures relating to local climate risks and impacts on school estate operations and policy. <ul style="list-style-type: none"> • Learning Through Landscapes can support with empowering your staff and pupils in improving and adapting your school grounds to climate change through the Climate School 180 project (<i>applications reopen on 13th January 2025</i>). • Using this resource covers all weather conditions and involves students' opinions of their grounds. 2. Consider adopting the joint union heatwave protocol including short term, medium term and long term measures. School to familiarise staff with updated DfE guidance on hot weather. 3. Install heat reflective measures (e.g. solar film) on external windows of classrooms that experience overheating. Try first with a small test room to see how it performs. 4. Have a regular gutter checking/ cleaning/ clearing rota that ensures guttering can cope with higher levels of rainfall. 	<p>Input: Low cost</p> <p>Output: N/A</p>	<p>Moderate</p>	<p>Start date:</p> <p>Review date:</p>		<p>Leadership and management: Governors or trustees ensure that the school fulfils its statutory duties, for example the health, safety and wellbeing of all pupils with regards to extreme weather events.</p>	

5. Get free packs and support for tree/hedge planting from Woodland Trust to increase adaptation to flood risks.						
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Biodiversity and Green Infrastructure:

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

Action	Cost	Ease of implementation	Timeframe	Key stakeholders	Link to School improvement plan	Progress Track
<p>Nature</p> <ol style="list-style-type: none"> Sign up to National Education Nature Park. Map and audit the biodiversity of your school estate to add to NENP biodiversity map and look for opportunities to embed its resources in the wider curriculum and school enrichment plan. Have pupils carry out wildlife surveys. <ul style="list-style-type: none"> NENP has a list of funding opportunities to fund biodiversity projects! Let's Go Guide: Be bug and bee friendly 	<p>Input: Low cost</p> <p>Output: N/A</p>	Moderate	<p>Start date:</p> <p>Review date:</p>		<p>Behaviour and attitudes: Pupils behave with consistently high levels of respect for others. They play a highly positive role in creating a school environment in which commonalities are identified and celebrated, difference is valued and nurtured. Examples of this can be found in our whole-school action on protecting nature.</p>	

Climate Education, Green Skills and Green 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	Cost	Ease of implementation	Timeframe	Key stakeholders	Link to School Improvement Plan	Progress Track
<p>Curriculum and Green Skills</p> <ol style="list-style-type: none"> Audit the current sustainability content in the curriculum, looking for links where climate education can be included. You could use the UN SDGs as a guide for this and the following resources to help you find these links to integrate sustainability. <ul style="list-style-type: none"> Teach the Future website provides subject specific suggestions for primary curriculum MoEE curriculum resources Let's Go Zero webinar on embedding sustainability into curriculum Consider setting up an Eco-Club for pupils to take leadership on issues around sustainability and meet regularly with SLT. <ul style="list-style-type: none"> Let's Go Guide: Start a Student Eco-club Get students to calculate their own carbon footprint using WWF Footprint Calculator. Involve student learning opportunities in retrofit works e.g. solar panel maintenance, solar film and waterbutt installation, etc Request an assembly or other support to suit your green skills and careers advice needs from the Climate Ambassadors Scheme. 	<p>Input: No cost</p> <p>Output: N/A</p>	Moderate	<p>Start date:</p> <p>Review date:</p>	Curriculum/Subject Leads	<p>Quality of Education: The school's curriculum intent and implementation takes into account the changing world we are preparing our students for and as such, sustainability is embedded securely and consistently across the school.</p>	Action 1: Some included in learning

<p>Culture</p> <ol style="list-style-type: none"> 1. Appoint a Sustainability Lead. 2. Appoint a sustainability-focused Governor. 3. Set up a sustainability working group including the PTA. 4. Develop a communications strategy that shares sustainability goals more widely via your newsletters, website, local press and social media channels to get your whole community involved. 5. Add sustainability goals/ projects/ successes to school website and newsletters. 6. Provide CPD opportunities for staff e.g. sharing existing sustainability content and developing skills through Carbon Literacy training or climate FRESK (<i>the Climate Fresk can be delivered by your Climate Action Advisor in a 3 hour session with up to 7 staff for free</i>). 		<p>Moderate</p>				
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Let's Go Zero contact details:

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letsgozero.org

Ashden is registered in England and Wales as a company limited by guarantee.

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