

# Climate Action Plan 2025



# Introduction

**Wormholt Park Primary School** is proud to share its 2025 Climate Action Plan, aligned with the DfE's *Sustainability and Climate Change Strategy*.

Our plan sets out a pathway to becoming a **net zero school by 2030**.  
Built around four key pillars:

- **Biodiversity**
- **Decarbonisation**
- **Adaptation & Resilience**
- **Climate Education & Green Careers**

This framework enables us to tackle urgent climate challenges while inspiring the next generation.

Through these actions, we will equip our pupils with the knowledge, skills, and confidence to create a cleaner, healthier future for all.





# Climate Action Plan – OPNY Partnership

Wormholt Park Primary School is partnering with *Our Planet Needs You* (OPNY) to plan, deliver, measure and track our climate action activities.

OPNY provides a clear framework and timeline that helps us deliver meaningful changes and activities with **minimal extra pressure on teaching staff**, while also enabling us to **measure and report on the impact** of what's achieved.

The programme provides age-appropriate lesson plans for Year 5/6 while actively engaging the wider school community. Its scalable model is designed to support the DfE's objective of making the UK a world leader in sustainability education.

This **collaborative, strategic, and cost-free** approach is why we have chosen to partner with OPNY.



# Our Climate Action Plan Pillars

1. Biodiversity
2. Decarbonisation
3. Adaptation & Resilience
4. Climate Education & Green Careers





# 1. Biodiversity

*We are committed to creating green spaces that support wildlife, improve air quality, and give pupils meaningful access to nature while fostering environmental stewardship.*

## **Actions**

- Planting native trees and shrubs to increase canopy cover and provide natural habitats.
- Expanding green infrastructure by developing living walls, green fences, and green roofs.
- Creating pollinator patches with wildflowers to support bees, butterflies, and other insects.
- Building bug hotels and other micro-habitats to encourage biodiversity.
- Designing safe, accessible green spaces for pupils to enjoy nature and outdoor learning.

## **Benefits**

- **Cleaner air:** Green cover absorbs airborne pollutants and captures carbon dioxide, reducing NO<sub>2</sub> emissions and particulate matter around the school.
- **Improved wellbeing:** Access to nature enhances children's focus, and overall happiness.
- **Healthier environment:** Coupled with Active Travel initiatives, fewer fossil-fuelled vehicles at the school gates improve air quality for pupils and the wider community.
- **Richer learning environment:** Outdoor classrooms and biodiversity projects embed sustainability and environmental stewardship into daily school life.





BIODIVERSITY Goal	Timescale	Stakeholders	Measure of success
Plant native trees and shrubs to increase canopy cover and habitats.	Minimum of two new trees planted by April 2026	School leadership, OPNY facilitators, teachers, students.	Planted and established July 2026. Carbon offset figures.
Expand green infrastructure with living walls, fences, and roofs.	One living wall installed by June 2026; green cover increased by 10% each year.	School leadership, OPNY facilitators, external partners	July 2026 (complete installation of first wall), ongoing annually Carbon offset figures.
Create pollinator patches to support bees, butterflies, and other insects.	Minimum of one patch maintained annually; biodiversity monitored as part of Bloom Team initiative.	School leadership, OPNY facilitators, teachers, students.	First patch by 2026. Consistent schedule for annual planting and maintenance Carbon offset figures.
Build bug hotels and micro-habitats to encourage biodiversity.	At least one bug hotel/habitat constructed and used as a teaching/monitoring tool.	School leadership, OPNY facilitators, teachers, students.	By July 2026
Design safe, accessible green spaces for outdoor learning and play.	Outdoor classroom in use by 2027.	School leadership, OPNY facilitators, external partners TBC	Ongoing, with outdoor classroom completed by 2027. Pupil surveys show improved wellbeing and focus.
Reduce air pollution around school gates by combining biodiversity projects with Active Travel.	Scheme introduced in February 2026.	School leadership, families, students, OPNY Youth Leads	Measured reduction in fossil-fuel vehicle drop-offs (via OPNY vehicle surveys); improved air quality indicators throughout monitoring period: 2025–2030. Carbon offset.
Pass sustainability leadership annually from Year 6 to Year 5 to sustain progress.	Every July	Pupils, teachers, OPNY	Annual leadership handover completed; continuity of projects ensured.
Achieve Bloom Team targets and contribute to borough net zero schools target.	Maximum green cover and biodiversity implementation by 2030	School leadership, OPNY, local authority	Greening activities contribute to WPPS becoming net zero by 2030 as measured by carbon offset figures.



## 2. Decarbonisation

*We are committed to achieving net zero by reducing direct and indirect emissions from our buildings, services, transport, and food systems while embedding innovation, efficiency, and student leadership into every stage of our journey.*

### Actions

- Transitioning to renewable power sources through OPNY's **Green Energy** initiative.
- Reducing wasted water, power, and heating with **Switch Off & Save** campaigns.
- Improving efficiency of procurement, catering, and services to cut indirect emissions.
- Encouraging **Active Travel** to reduce fossil fuel transport to and from school.
- Engaging pupils in hands-on energy-saving and carbon-reduction projects.

### Benefits

- **Lower emissions:** Reduced CO<sub>2</sub>, NO<sub>2</sub>, and particulate matter in and around the school.
- **Cost savings:** Efficiency reduces bills, freeing up funds for learning and sustainability projects.
- **Healthier community:** Less air pollution from vehicles and energy use improves health.
- **Practical climate skills:** Students learn how behaviour change contributes to real-world decarbonisation.





DECARBONISATION Goal	Timescale	Stakeholders	Measure of success
Transition to renewable energy supply. OPNY Green Energy.	Begin switch 2025; maximum transition by 2030	School leadership, OPNY, LA, external partners, energy providers	% of energy from renewables each year. Reduced emissions.
Reduce wasted water, power, and heating. OPNY Switch Off and Save	Launch 2025; embed by 2027	Pupils, staff, OPNY	Annual audits show 10% efficiency gains YoY. Impact also measured from baseline. Reduced emissions.
Create sustainable procurement policy.	By 2026	School finance/catering team. OPNY to support with list of trusted suppliers.	Policy adopted; reduced emissions in supply chains.
Promote OPNY Active Travel.	Ongoing (annual reviews)	Families, LA, OPNY	Reduction in use of fossil fuel vehicles servicing school and students; drop in local NO <sub>2</sub> levels.
Student-led decarbonisation projects. ie. delivery of RISE UP green fundraising, Switch Off and Save and Green Energy initiatives	Annual (Year 6 OPNY activities)	Teachers, OPNY Youth Leads, families	Student-led campaigns/projects completed annually; pupil surveys and quiz results show increased awareness of climate impact.
Deliver cost savings through energy efficiency and reduced waste.	2025–2030	School leadership, facilities team, OPNY	Reduced utility bills reported annually; reinvestment of savings into sustainability projects.
Achieve measurable progress towards school net zero target.	Full net zero by 2030	School leadership, OPNY, local authority	Yearly carbon audits and OPNY reports show progress; alignment with borough-wide net zero schools data.



# 3. Adaptation & Resilience

*Preparing our school, pupils, and community to adapt to climate risks and build resilience. From improving buildings to withstand extreme weather to fostering resilient mindsets, Wormholt Park Primary will ensure pupils are equipped to thrive in an uncertain future.*

## Actions

- Improving flood resilience with sustainable drainage, rain gardens, and permeable surfaces.
- Enhancing shade and cooling through tree planting and green infrastructure.
- Designing safe outdoor spaces resilient to heatwaves and storms.
- Incorporating resilience into lesson plans (e.g., food systems, water management, disaster preparedness).
- Educating the wider school community on resilience strategies.

## Benefits

- **Climate-ready school:** Safer buildings and grounds during heatwaves, floods, and storms.
- **Health & safety:** Cooler classrooms and shaded areas reduce heat stress.
- **Community resilience:** Families gain awareness of how to adapt to climate risks.
- **Future-proof learning:** Pupils develop skills in adaptation and problem-solving.





ADAPTATION & RESILIENCE Goal	Timescale	Stakeholders	Measure of success
Create rain gardens & permeable surfaces.	By 2027	Facilities team, OPNY, LA	Installed gardens; improved drainage in heavy rain.
Increase tree canopy/shaded areas.	2025–2028	Pupils, staff, OPNY	% increase in shaded play areas.
Retrofit classrooms for resilience and improved insulation.	2025–2030	School leadership, LA	Temperature monitoring shows cooler rooms in summer, warmer rooms in winter without need for additional heating.
Deliver resilience-focused lessons.	Annually	Teachers, OPNY	Resilience lessons delivered as part of OPNY; pupil engagement feedback.
Collaborate with local resilience networks.	2025 onwards	School, LA, Community orgs eg. Climate Alliance Network Events	Active participation in local resilience activities.



# 4. Climate Education & Green Careers

*By embedding sustainability across the curriculum and showcasing green career pathways, we will equip pupils with the skills, knowledge, and inspiration to lead the transition to a net zero future.*

## Actions

- Integrating climate change and sustainability into lesson plans across subjects.
- Delivering OPNY's nine planet-friendly initiatives targeting Year 6 and wider school community.
- Showcasing green careers through OPNY Youth Leadership programme, and potential future work placements.
- Facilitating the training of Youth Leads (KS4–5 volunteers) to mentor younger pupils as part of OPNY.
- Passing the baton: Year 6 hand over projects annually to Year 5, ensuring continuity.

## Benefits

- **Curriculum enrichment:** Climate education is part of daily school life.
- **Green career awareness:** Pupils see real-life routes into the green economy.
- **Leadership skills:** Students learn teamwork, project management, and campaigning.
- **Self-sustaining model:** Yearly handover keeps climate action embedded long-term.





<b>CLIMATE EDUCATION &amp; GREEN CAREERS Goal</b>	<b>Timescale</b>	<b>Stakeholders</b>	<b>Measure of success</b>
Deliver OPNY's nine initiatives annually.	From 2025	Teachers, OPNY	Initiatives completed; impact tracked via Earthometer.
Integrate sustainability into all subjects.	By 2027	Curriculum leads, teachers, OPNY and partners to assist	Number of subjects embedding sustainability themes. Numeracy, literacy, science, PSHE.
Develop Youth Lead mentorship scheme.	Pilot 2025–26; expand 2027	OPNY, teachers, trained KS4–5 students from partner secondary school	Number of Youth Leads engaged and trained; hours volunteered.
Participate in annual OPNY green careers events. Students meet green economy employers.	Annually from 2026	Local and national employers, OPNY	Number of events/in-class talks held. Attendance/feedback surveys.



# Summary



**Wormholt Park Primary School** is committed to achieving **net zero by 2030** through a clear, measurable framework built around four key pillars:

- **Biodiversity** – Enhancing habitats and access to nature for wildlife and wellbeing.
- **Decarbonisation** – Cutting emissions from energy, transport, food, and procurement.
- **Adaptation & Resilience** – Preparing our school community for climate impacts.
- **Climate Education & Green Careers** – Embedding sustainability into learning and inspiring future green leaders.

In order to measure progress, **Our Planet Needs You (OPNY)** will generate a comprehensive **Annual Climate Report** in partnership with our school to track:

- **Student engagement and resulting output across our 4 key pillars.**
- **Carbon and waste savings** achieved through school initiatives and changes implemented.
- **Progress towards net zero goals.**
- **Increased green cover** across school grounds.
- **Financial savings** from efficiency and behaviour change.

Together, these measures will celebrate success, identify next steps, and ensure Wormholt Park Primary is on track to deliver a healthier, greener future for all.

# Thank you!

